Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103216	PRT100263	51%	97.5%	95.2%
ECO103216	SPA104310	86%	100%	100%
ECO103216	STY101840	86%	100%	100%
ECO103217	ABA100130	70%	97.6%	99.2%
ECO103217	BAN103288	47%	85.8%	97.5%
ECO103217	BAN102478	47%	85.8%	97.5%
ECO103217	BFR100896	51%	94.5%	74.5%
ECO103217	BPT100897	68%	100%	96.9%
ECO103217	BBU100502	44%	96.9%	100%
ECO103217	BCE109774	70%	96.9%	93.9%
ECO103217	BFU101597	66%	100%	97.7%
ECO103217	BMA104335	71%	96.9%	93.9%
ECO103217	CJU101502	49%	91.3%	99.1%
ECO103217	CPN200120	43%	91.3%	98.6%
ECO103217	CTR200782	41%	91.3%	98.6%
ECO103217	CAC100809	43%	85.8%	95.6%
ECO103217	CBO102497	43%	85.8%	96.5%
ECO103217	CDF102169	48%	85.8%	96.5%
ECO103217	CDP100024	52%	94.5%	77.1%
ECO103217	EBC103646	100%	100%	100%
ECO103217	EFA201974	48%	87.4%	98.4%
ECO103217	EFM201685	44%	87.4%	99.2%
ECO103217	ECO103217	100%	100%	100%
ECO103217	HIN100784	89%	100%	99.2%
ECO103217	HPY101274	43%	91.3%	100%
ECO103217	KPN300813	98%	100%	100%
ECO103217	LMO100340	42%	85.8%	97.8%
ECO103217	MCA100427	75%	92.9%	99.2%
ECO103217	MAV101006	53%	86.6%	75.3%
ECO103217	MBV100492	52%	86.6%	61.1%
ECO103217	MLP101193	47%	94.5%	75.9%
ECO103217	MTU203409	52%	86.6%	61.1%
ECO103217	MGE100181	35%	83.5%	91.1%
ECO103217	MPN100639	34%	86.6%	93.5%
ECO103217	NGO100883	70%	92.9%	96.7%
ECO103217	NME200096	71%	92.9%	96.7%
ECO103217	PMU101389	89%	100%	100%
ECO103217	PRT101773	93%	100%	100%
ECO103217	PAE204235	75%	98.4%	99.2%
ECO103217	PPU104535	79%	92.9%	92.2%
ECO103217	PSY105785	80%	92.9%	92.2%
ECO103217	SPA104312	96%	100%	100%
ECO103217	STY101829	99%	100%	100%
ECO103217	SAU802223	47%	85.8%	97.5%
ECO103217	SEP202058	47%	85.8%	97.5%
ECO103217	SHA100503	48%	86.6%	97.6%
ECO103217	SMU100584	47%	85.8%	97.7%
ECO103217	SPN400216	46%	85.8%	97.7%
ECO103217	SPY101855	46%	85.8%	97.7%
ECO103217	TPA100211	50%	92.1%	71.3%
ECO103217	UUR100260	45%	78.7%	89.1%
ECO103217	VCH102533	91%	100%	100%
ECO103217	YPS002494	94%	99.2%	98.4%
ECO103218	ABA100129	66%	99.1%	96.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103218	BAN107601	34%	92.7%	97.5%
ECO103218	BAN108468	45%	93.6%	98.1%
ECO103218	BFR10426	39%	96.7%	98.2%
ECO103218	BPT100896	61%	98.2%	98.8%
ECO103218	BBU100501	35%	95.4%	91.3%
ECO103218	BCE103299	59%	97.6%	98.8%
ECO103218	BFU101596	61%	97.6%	98.8%
ECO103218	BMA100053	60%	97.6%	98.8%
ECO103218	CJU101501	33%	95.7%	92.9%
ECO103218	CPN200119	38%	90.0%	80.6%
ECO103218	CTR200783	38%	90.6%	80.5%
ECO103218	CAC100456	44%	95.1%	99.4%
ECO103218	CBO100600	44%	93.6%	97.8%
ECO103218	CDF104551	45%	94.5%	98.1%
ECO103218	CDP100022	42%	96.4%	92.9%
ECO103218	EBC103650	99%	100%	100%
ECO103218	EFA201975	45%	95.4%	99.4%
ECO103218	EFM200465	45%	95.4%	99.4%
ECO103218	ECO103218	100%	100%	100%
ECO103218	HIN100783	91%	100%	100%
ECO103218	HPY101275	29%	94.2%	91.3%
ECO103218	KPN300703	99%	76.9%	100%
ECO103218	LMO100649	45%	93.6%	98.1%
ECO103218	MCA100426	64%	98.2%	96.1%
ECO103218	MAV101008	43%	94.5%	89.3%
ECO103218	MBV100494	44%	93.9%	88.8%
ECO103218	MLP101194	44%	93.9%	88.8%
ECO103218	MTU203410	44%	93.9%	88.8%
ECO103218	MGE100180	31%	86.0%	89.9%
ECO103218	MPN100640	31%	86.6%	90.8%
ECO103218	NGO100885	62%	99.1%	99.1%
ECO103218	NME200097	62%	99.1%	99.1%
ECO103218	PMU101390	92%	100%	100%
ECO103218	PRT101775	97%	100%	100%
ECO103218	PAE204236	73%	99.1%	97.6%
ECO103218	PPU104534	73%	99.1%	97.6%
ECO103218	PSY100281	80%	46.8%	93.9%
ECO103218	SPA104314	100%	100%	100%
ECO103218	STY101828	100%	100%	100%
ECO103218	SAU802224	42%	93.6%	98.1%
ECO103218	SEP202059	42%	93.6%	98.1%
ECO103218	SHA100502	42%	93.6%	98.1%
ECO103218	SMU100586	45%	93.6%	98.1%
ECO103218	SPN400215	45%	93.6%	98.4%
ECO103218	SPY200063	45%	93.6%	98.1%
ECO103218	TPA100210	37%	93.9%	91.2%
ECO103218	UUR100259	36%	93.6%	98.5%
ECO103218	VCH102534	90%	100%	100%
ECO103218	YPS002493	99%	100%	100%
ECO103219	ABA100128	71%	100%	100%
ECO103219	BAN103804	49%	100%	100%
ECO103219	BFR10425	49%	100%	100%
ECO103219	BPT100895	64%	100%	100%
ECO103219	BBU100614	44%	96.6%	95.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103219	BCE103241	70%	100%	100%
ECO103219	BFU101595	71%	100%	100%
ECO103219	BMA100015	71%	100%	100%
ECO103219	CJU101500	50%	100%	100%
ECO103219	CPN200012	39%	94.7%	91.9%
ECO103219	CTR200903	38%	99.5%	98.6%
ECO103219	CAC102218	50%	100%	100%
ECO103219	CBO101434	54%	100%	100%
ECO103219	CDF103315	50%	91.3%	99.0%
ECO103219	CDP100020	47%	100%	100%
ECO103219	EBC103653	97%	100%	100%
ECO103219	EFA202012	45%	100%	99.0%
ECO103219	ECO103219	100%	100%	100%
ECO103219	HIN100782	89%	100%	100%
ECO103219	HPY101276	49%	100%	100%
ECO103219	KPN300702	98%	100%	100%
ECO103219	LMO100680	48%	100%	100%
ECO103219	MCA100425	67%	100%	100%
ECO103219	MAV101010	46%	100%	100%
ECO103219	MBV100325	47%	100%	100%
ECO103219	MLP101195	46%	100%	100%
ECO103219	MTU203411	47%	100%	100%
ECO103219	MGE100317	38%	99.0%	98.0%
ECO103219	MPN100395	39%	99.0%	98.0%
ECO103219	NGO100887	73%	100%	100%
ECO103219	NME200098	73%	100%	100%
ECO103219	PMU101391	89%	100%	100%
ECO103219	PRT104446	94%	100%	100%
ECO103219	PAE204237	74%	100%	100%
ECO103219	PPU108168	73%	100%	100%
ECO103219	PSY107923	73%	100%	100%
ECO103219	SPA104316	99%	100%	100%
ECO103219	STY101827	99%	100%	100%
ECO103219	SAU801719	47%	100%	100%
ECO103219	SEP201745	47%	100%	100%
ECO103219	SHA100142	47%	100%	100%
ECO103219	SMU101344	45%	100%	99.0%
ECO103219	SPN400078	45%	100%	99.0%
ECO103219	SPY201664	45%	100%	99.0%
ECO103219	TPA100303	39%	95.6%	96.1%
ECO103219	UUR100503	40%	100%	99.0%
ECO103219	VCH102535	87%	100%	100%
ECO103219	YPS002492	96%	100%	100%
ECO103220	ABA100127	78%	95.3%	96.1%
ECO103220	BAN102381	62%	100%	100%
ECO103220	BAN110714	65%	100%	100%
ECO103220	BFR10424	51%	100%	100%
ECO103220	BPT100894	70%	100%	100%
ECO103220	BBU100500	52%	99.2%	95.5%
ECO103220	BCE109619	71%	95.3%	92.5%
ECO103220	BFU101594	71%	95.3%	91.8%
ECO103220	BMA109746	72%	95.3%	92.5%
ECO103220	CJU101499	51%	100%	100%
ECO103220	CPN200118	51%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103220	CTR200784	55%	93.8%	90.9%
ECO103220	CAC100574	63%	93.8%	92.4%
ECO103220	CBO101814	67%	93.8%	91.7%
ECO103220	CDF101597	62%	98.4%	96.2%
ECO103220	CDP100018	58%	93.8%	90.3%
ECO103220	EBC103656	97%	100%	100%
ECO103220	EFA201976	59%	100%	100%
ECO103220	EFM200112	58%	100%	100%
ECO103220	ECO103220	100%	100%	100%
ECO103220	HIN100781	92%	100%	100%
ECO103220	HPY101277	52%	100%	100%
ECO103220	KPN300701	99%	100%	100%
ECO103220	LMO102707	62%	100%	100%
ECO103220	MCA100424	75%	95.3%	96.2%
ECO103220	MAV101012	60%	95.3%	89.1%
ECO103220	MBV100327	58%	95.3%	88.5%
ECO103220	MLP101196	60%	95.3%	89.1%
ECO103220	MTU203412	59%	95.3%	88.5%
ECO103220	MGE100179	47%	87.6%	86.3%
ECO103220	MPN100641	48%	92.2%	98.3%
ECO103220	NGO100889	74%	100%	100%
ECO103220	NME200099	74%	100%	100%
ECO103220	PMU101392	93%	100%	100%
ECO103220	PRT105644	99%	100%	100%
ECO103220	PAE204238	79%	100%	100%
ECO103220	PPU104532	78%	100%	100%
ECO103220	PSY106472	79%	100%	100%
ECO103220	SPA104318	96%	99.2%	100%
ECO103220	STY101826	98%	100%	100%
ECO103220	SAU802225	62%	100%	100%
ECO103220	SEP200240	62%	100%	100%
ECO103220	SHA100501	62%	100%	100%
ECO103220	SMU100588	66%	100%	100%
ECO103220	SPN400214	65%	100%	100%
ECO103220	SPY200062	67%	100%	100%
ECO103220	TPA100209	53%	96.1%	98.4%
ECO103220	UUR100258	52%	92.2%	98.3%
ECO103220	VCH102536	91%	100%	100%
ECO103220	YPS002491	98%	100%	100%
ECO103221	ABA100126	75%	100%	99.2%
ECO103221	BAN113421	75%	30.5%	87.8%
ECO103221	BAN112977	57%	98.3%	95.9%
ECO103221	BFR10423	52%	96.6%	91.3%
ECO103221	BPT100893	60%	96.6%	94.2%
ECO103221	BBU100499	53%	98.3%	93.6%
ECO103221	BCE106205	65%	96.6%	94.2%
ECO103221	BFU100384	66%	96.6%	94.2%
ECO103221	BMA110016	64%	96.6%	94.2%
ECO103221	CJU101498	55%	98.3%	96.7%
ECO103221	CPN200117	49%	98.3%	95.9%
ECO103221	CTR200785	49%	98.3%	95.9%
ECO103221	CAC101837	56%	98.3%	95.1%
ECO103221	CBO102219	58%	98.3%	95.1%
ECO103221	CDF103596	59%	100%	96.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103221	CDP100016	54%	98.3%	95.9%
ECO103221	EBC103659	98%	100%	100%
ECO103221	EFA201977	58%	98.3%	95.9%
ECO103221	EFM200415	62%	98.3%	95.9%
ECO103221	ECO103221	100%	100%	100%
ECO103221	HIN100780	86%	93.2%	90.2%
ECO103221	HPY101278	53%	98.3%	97.5%
ECO103221	KPN300700	86%	85.6%	100%
ECO103221	LMO102428	56%	98.3%	95.9%
ECO103221	MCA100423	73%	100%	100%
ECO103221	MAV101014	59%	98.3%	94.4%
ECO103221	MBV100329	57%	98.3%	94.4%
ECO103221	MLP101197	57%	98.3%	94.4%
ECO103221	MTU203413	57%	98.3%	94.4%
ECO103221	MGE100178	52%	98.3%	93.5%
ECO103221	MPN100642	55%	98.3%	93.5%
ECO103221	NGO100891	70%	98.3%	96.7%
ECO103221	NME200100	70%	98.3%	96.7%
ECO103221	PMU101393	86%	100%	100%
ECO103221	PRT100020	86%	92.4%	100%
ECO103221	PAE204239	75%	100%	100%
ECO103221	PPU104531	74%	100%	100%
ECO103221	PSY105783	82%	64.4%	100%
ECO103221	SPA104321	97%	100%	100%
ECO103221	STY101825	96%	100%	100%
ECO103221	SAU802226	53%	98.3%	95.9%
ECO103221	SEP200241	51%	98.3%	95.9%
ECO103221	SHA100500	52%	98.3%	95.9%
ECO103221	SMU100590	61%	94.1%	91.7%
ECO103221	SPN400213	63%	94.1%	91.7%
ECO103221	SPY200061	63%	94.1%	91.7%
ECO103221	TPA100208	52%	98.3%	95.9%
ECO103221	UUR100257	55%	98.3%	93.9%
ECO103221	VCH102537	87%	100%	100%
ECO103221	YPS002490	85%	100%	100%
ECO103222	ABA100104	76%	100%	100%
ECO103222	BPT104512	71%	100%	100%
ECO103222	BBU100498	62%	97.4%	92.3%
ECO103222	BCE112105	76%	100%	100%
ECO103222	BFU103878	76%	100%	100%
ECO103222	BMA103855	76%	100%	100%
ECO103222	CJU101497	68%	100%	100%
ECO103222	CPN200908	44%	97.4%	84.4%
ECO103222	CAC101480	60%	100%	100%
ECO103222	CBO103541	57%	100%	97.4%
ECO103222	CDF103770	60%	100%	100%
ECO103222	CDP102780	40%	100%	100%
ECO103222	EBC103975	45%	86.8%	71.7%
ECO103222	EFA203137	63%	100%	100%
ECO103222	EFM202440	63%	100%	100%
ECO103222	ECO103222	100%	100%	100%
ECO103222	HIN100779	84%	100%	100%
ECO103222	HPY101279	81%	100%	100%
ECO103222	KPN202806	42%	86.8%	71.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103222	LMO101459	57%	100%	100%
ECO103222	MCA102164	42%	86.8%	71.7%
ECO103222	MBV104764	55%	100%	100%
ECO103222	MLP101198	50%	100%	100%
ECO103222	MTU203414	55%	100%	100%
ECO103222	MGE100177	65%	100%	100%
ECO103222	MPN100643	65%	100%	100%
ECO103222	NGO101308	43%	84.2%	78.0%
ECO103222	NME200101	63%	100%	100%
ECO103222	PMU101394	86%	100%	100%
ECO103222	PRT103159	81%	100%	100%
ECO103222	PAE204240	86%	100%	100%
ECO103222	PSY103480	86%	100%	67.9%
ECO103222	SPA100818	50%	68.4%	56.5%
ECO103222	STY104823	100%	100%	100%
ECO103222	STM104443	50%	68.4%	56.5%
ECO103222	SAU802227	63%	100%	100%
ECO103222	SEP202480	63%	100%	100%
ECO103222	SHA100499	63%	100%	100%
ECO103222	SMU100592	60%	100%	100%
ECO103222	SPN400212	63%	100%	100%
ECO103222	SPY200060	60%	100%	100%
ECO103222	TPA100207	65%	100%	100%
ECO103222	UUR100256	76%	100%	100%
ECO103222	VCH102538	84%	100%	100%
ECO103222	YPS003891	94%	100%	100%
ECO103223	ABA100105	58%	93.5%	91.8%
ECO103223	BAN100422	41%	50.1%	95.7%
ECO103223	BAN100831	34%	90.1%	92.7%
ECO103223	BAN109756	41%	95.3%	97.7%
ECO103223	BAN106840	43%	94.8%	97.7%
ECO103223	BFR12413	39%	95.5%	94.6%
ECO103223	BPT100873	66%	99.8%	99.1%
ECO103223	BBU100497	35%	94.4%	95.4%
ECO103223	BCE109015	67%	94.1%	98.6%
ECO103223	BFU100380	64%	99.8%	99.1%
ECO103223	BMA107419	66%	94.1%	98.6%
ECO103223	CJU101592	41%	93.2%	97.6%
ECO103223	CPN200116	38%	95.5%	96.1%
ECO103223	CTR200786	38%	95.9%	97.6%
ECO103223	CAC102097	36%	94.4%	97.2%
ECO103223	CBO103220	39%	94.1%	97.2%
ECO103223	CDF103985	40%	93.9%	96.9%
ECO103223	CDP100001	45%	94.1%	97.5%
ECO103223	EBC103637	98%	100%	100%
ECO103223	EFA201979	40%	94.4%	97.2%
ECO103223	EFM200235	41%	93.0%	96.1%
ECO103223	ECO103223	100%	100%	100%
ECO103223	HIN100778	74%	100%	100%
ECO103223	HPY101282	40%	92.6%	96.9%
ECO103223	KPN300616	90%	80.4%	100%
ECO103223	LPN101432	57%	83.7%	100%
ECO103223	LMO101544	41%	94.6%	97.7%
ECO103223	MCA100141	54%	93.0%	92.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103223	MAV102070	42%	94.1%	94.7%
ECO103223	MBV101627	42%	94.1%	97.3%
ECO103223	MLP101115	41%	94.1%	97.3%
ECO103223	MTU200729	42%	94.1%	97.3%
ECO103223	MGE100173	35%	92.1%	86.9%
ECO103223	MPN100647	35%	91.9%	86.4%
ECO103223	NGO100896	56%	97.7%	98.2%
ECO103223	NME200103	56%	97.7%	98.2%
ECO103223	PMU101395	77%	100%	100%
ECO103223	PRT100105	94%	48.3%	100%
ECO103223	PAE204241	65%	99.8%	98.9%
ECO103223	PPU112340	64%	99.8%	98.6%
ECO103223	PSY100299	64%	99.8%	98.4%
ECO103223	SPA104324	99%	96.6%	100%
ECO103223	STY101824	99%	100%	100%
ECO103223	SAU802230	41%	93.2%	96.0%
ECO103223	SEP200245	41%	93.2%	96.0%
ECO103223	SHA100178	40%	81.7%	98.4%
ECO103223	SMU100598	37%	92.8%	94.9%
ECO103223	SPN400209	38%	93.0%	95.2%
ECO103223	SPY200057	38%	94.4%	96.5%
ECO103223	TPA100206	38%	93.2%	91.8%
ECO103223	UUR100252	32%	91.9%	89.0%
ECO103223	VCH102539	81%	100%	100%
ECO103223	YPS002488	97%	100%	100%
ECO103224	ABA100106	65%	100%	98.6%
ECO103224	BAN100388	39%	99.3%	98.6%
ECO103224	BAN101282	50%	99.3%	98.6%
ECO103224	BFR100671	47%	98.6%	98.0%
ECO103224	BPT100871	61%	98.6%	97.3%
ECO103224	BBU100496	40%	97.2%	97.2%
ECO103224	BCE108533	59%	100%	100%
ECO103224	BFU100391	62%	100%	100%
ECO103224	BMA101533	61%	100%	100%
ECO103224	CJU101593	60%	44.4%	49.2%
ECO103224	CPN200115	44%	80.6%	82.6%
ECO103224	CTR200787	38%	94.4%	97.9%
ECO103224	CAC101804	49%	99.3%	98.6%
ECO103224	CBO103582	51%	99.3%	98.6%
ECO103224	CDF100735	46%	99.3%	96.7%
ECO103224	CDP101730	38%	100%	96.6%
ECO103224	EBC103640	98%	100%	100%
ECO103224	EFA201980	52%	99.3%	98.6%
ECO103224	EFM201975	51%	99.3%	98.6%
ECO103224	ECO103224	100%	100%	100%
ECO103224	HIN100777	82%	100%	100%
ECO103224	HPY101283	45%	77.1%	82.2%
ECO103224	KPN300615	90%	96.5%	100%
ECO103224	LPN100259	58%	100%	100%
ECO103224	LMO102003	49%	99.3%	98.6%
ECO103224	MCA100140	64%	100%	98.6%
ECO103224	MAV102081	39%	100%	97.9%
ECO103224	MBV101609	40%	100%	97.9%
ECO103224	MLP101118	39%	100%	97.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103224	MTU200720	40%	100%	97.9%
ECO103224	MGE100172	37%	99.3%	98%
ECO103224	MPN100648	41%	99.3%	97.4%
ECO103224	NGO100899	58%	99.3%	99.3%
ECO103224	NME200104	60%	99.3%	99.3%
ECO103224	PMU101396	81%	100%	100%
ECO103224	PRT103332	85%	100%	100%
ECO103224	PAE204242	64%	100%	100%
ECO103224	PPU104529	66%	100%	100%
ECO103224	PSY107337	65%	100%	100%
ECO103224	SPA104326	99%	100%	100%
ECO103224	STY101823	99%	100%	100%
ECO103224	SAU802231	46%	99.3%	98.6%
ECO103224	SEP200247	43%	99.3%	98.6%
ECO103224	SHA100093	66%	47.2%	79.1%
ECO103224	SMU100599	48%	99.3%	98.6%
ECO103224	SPN400208	50%	99.3%	98.6%
ECO103224	SPY200056	50%	99.3%	98.6%
ECO103224	TPA100205	37%	93.1%	89.5%
ECO103224	UUR100251	39%	99.3%	98.0%
ECO103224	VCH102540	77%	100%	100%
ECO103224	YPS002485	85%	100%	100%
ECO103225	ABA100108	68%	96.6%	98.3%
ECO103225	BAN104365	54%	100%	98.3%
ECO103225	BFR100963	46%	91.5%	93.1%
ECO103225	BPT104115	49%	96.6%	93.4%
ECO103225	BBU100495	32%	93.2%	54.5%
ECO103225	BFU104042	54%	93.2%	87.3%
ECO103225	BMA107387	54%	93.2%	87.3%
ECO103225	CAC103086	55%	98.3%	100%
ECO103225	CBO100965	54%	100%	98.3%
ECO103225	CDF102795	44%	100%	95.1%
ECO103225	CDP102962	47%	93.2%	90.2%
ECO103225	EBC103644	94%	100%	100%
ECO103225	EFA205229	45%	93.2%	93.2%
ECO103225	EFM200795	45%	93.2%	93.2%
ECO103225	ECO103225	100%	100%	100%
ECO103225	HIN100776	79%	100%	100%
ECO103225	KPN300492	96%	96.6%	100%
ECO103225	LPN102267	49%	100%	96.7%
ECO103225	LMO100063	49%	100%	98.3%
ECO103225	MCA102911	66%	96.6%	96.6%
ECO103225	MAV102080	54%	89.8%	74.6%
ECO103225	MBV101607	53%	91.5%	83.1%
ECO103225	MLP101119	50%	93.2%	77.5%
ECO103225	MTU200719	53%	91.5%	83.1%
ECO103225	NGO102470	51%	94.9%	91.8%
ECO103225	NME200105	53%	94.9%	91.8%
ECO103225	PMU101397	77%	100%	100%
ECO103225	PRT100559	89%	100%	96.7%
ECO103225	PAE204243	56%	93.2%	94.8%
ECO103225	PPU108173	61%	93.2%	94.8%
ECO103225	PSY107474	56%	93.2%	94.8%
ECO103225	SPA106249	96%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103225	STY105107	96%	100%	100%
ECO103225	SAU802232	50%	100%	98.3%
ECO103225	SEP202555	47%	100%	96.7%
ECO103225	SHA100092	49%	100%	98.3%
ECO103225	SMU102834	52%	93.2%	91.7%
ECO103225	SPN400207	54%	93.2%	91.7%
ECO103225	SPY200055	49%	93.2%	91.7%
ECO103225	VCH102541	78%	94.9%	96.6%
ECO103225	YPS004281	86%	100%	100%
ECO103226	ABA100109	76%	99.4%	100%
ECO103226	BAN111381	52%	98.8%	100%
ECO103226	BAN112822	54%	99.4%	100%
ECO103226	BFR10783	52%	92.8%	90.1%
ECO103226	BPT100869	67%	93.4%	91.2%
ECO103226	BBU100494	49%	92.2%	93.3%
ECO103226	BCE102110	66%	71.9%	88.2%
ECO103226	BFU100390	66%	93.4%	90.7%
ECO103226	BMA101481	67%	93.4%	92.3%
ECO103226	CJU101594	50%	80.8%	91.8%
ECO103226	CPN200114	44%	92.2%	93.3%
ECO103226	CTR200788	43%	88.6%	90.3%
ECO103226	CAC100146	53%	97.6%	98.8%
ECO103226	CBO100463	50%	97.6%	98.8%
ECO103226	CDF100733	54%	94.0%	92.9%
ECO103226	CDP101728	59%	91.0%	73.1%
ECO103226	EBC103648	100%	99.4%	100%
ECO103226	EFA201981	54%	99.4%	100%
ECO103226	EFM200438	53%	99.4%	100%
ECO103226	ECO103226	100%	100%	100%
ECO103226	HIN100775	92%	99.4%	100%
ECO103226	HPY101284	50%	83.8%	91.5%
ECO103226	KPN300491	97%	100%	100%
ECO103226	LPN100995	62%	92.2%	91.7%
ECO103226	LMO101368	55%	94.0%	94.0%
ECO103226	MCA100160	75%	99.4%	100%
ECO103226	MAV102079	59%	91.0%	67.6%
ECO103226	MBV101605	59%	91.0%	69.1%
ECO103226	MLP101120	58%	91.0%	70.0%
ECO103226	MTU200718	59%	91.0%	69.1%
ECO103226	MGE100171	42%	97.0%	76.8%
ECO103226	MPN100649	43%	92.8%	70.8%
ECO103226	NGO100919	60%	97.6%	94.8%
ECO103226	NME200106	60%	97.6%	94.8%
ECO103226	PMU101398	92%	99.4%	100%
ECO103226	PRT100558	92%	99.4%	100%
ECO103226	PAE204244	77%	98.8%	100%
ECO103226	PPU104527	78%	91.0%	91.6%
ECO103226	PSY105833	74%	97.6%	98.2%
ECO103226	SPA104328	98%	100%	100%
ECO103226	STY101822	100%	100%	100%
ECO103226	SAU802233	55%	98.2%	98.8%
ECO103226	SEP200249	55%	98.2%	98.8%
ECO103226	SHA100091	55%	98.2%	98.8%
ECO103226	SMU100600	54%	94.0%	95.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103226	SPN400206	52%	94.0%	95.7%
ECO103226	SPY200054	54%	94.0%	95.7%
ECO103226	TPA100204	51%	94.0%	91.3%
ECO103226	UUR100250	47%	95.8%	79.3%
ECO103226	VCH102542	84%	94.6%	94.6%
ECO103226	YPS002482	95%	100%	100%
ECO103227	ABA100110	56%	99.1%	98.3%
ECO103227	BAN106991	53%	99.1%	95.8%
ECO103227	BFR100058	44%	76.9%	97.7%
ECO103227	BPT100868	57%	100%	100%
ECO103227	BBU100493	32%	95.7%	95.0%
ECO103227	BCE113907	54%	100%	100%
ECO103227	BFU100389	56%	100%	100%
ECO103227	BMA109275	55%	100%	100%
ECO103227	CJU101595	31%	97.4%	92.4%
ECO103227	CPN200113	37%	98.3%	94.3%
ECO103227	CTR200789	37%	98.3%	94.3%
ECO103227	CAC102283	48%	100%	99.1%
ECO103227	CBO100811	49%	99.1%	93.4%
ECO103227	CDF103929	48%	99.1%	95.9%
ECO103227	CDP101725	49%	98.3%	84.4%
ECO103227	EBC103652	96%	100%	100%
ECO103227	EFA201982	50%	99.1%	95.8%
ECO103227	EFM200146	50%	99.1%	95.8%
ECO103227	ECO103227	100%	100%	100%
ECO103227	HIN100774	84%	100%	100%
ECO103227	HPY101285	32%	96.6%	90.8%
ECO103227	KPN300490	100%	100%	100%
ECO103227	LPN101342	44%	100%	100%
ECO103227	LMO102391	44%	100%	96.6%
ECO103227	MCA100159	58%	99.1%	98.3%
ECO103227	MAV102077	42%	98.3%	84.4%
ECO103227	MBV101604	45%	98.3%	93.4%
ECO103227	MLP101121	40%	98.3%	94.2%
ECO103227	MTU200717	45%	98.3%	93.4%
ECO103227	MGE100170	31%	99.1%	96.5%
ECO103227	MPN100650	37%	97.4%	99.1%
ECO103227	NGO100921	53%	100%	100%
ECO103227	NME200107	53%	100%	100%
ECO103227	PMU101399	83%	100%	100%
ECO103227	PRT100557	92%	100%	100%
ECO103227	PAE204245	59%	98.3%	97.4%
ECO103227	PPU104526	59%	99.1%	98.3%
ECO103227	PSY105780	60%	85.5%	100%
ECO103227	SPA104494	89%	100%	100%
ECO103227	STY101821	99%	100%	100%
ECO103227	SAU802234	45%	100%	96.6%
ECO103227	SEP200251	45%	100%	96.7%
ECO103227	SHA100055	47%	100%	96.7%
ECO103227	SMU100601	47%	99.1%	95.8%
ECO103227	SPN400205	49%	99.1%	95.8%
ECO103227	SPY200053	48%	99.1%	95.8%
ECO103227	TPA100203	35%	99.1%	95%
ECO103227	UUR100249	43%	93.2%	91.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103227	VCH102543	83%	100%	100%
ECO103227	YPS002455	92%	100%	100%
ECO103228	ABA100111	62%	100%	100%
ECO103228	BAN102950	47%	98.9%	99.4%
ECO103228	BAN110172	50%	98.9%	98.3%
ECO103228	BFR10781	41%	98.9%	97.4%
ECO103228	BPT100867	58%	100%	100%
ECO103228	BBU100492	37%	98.9%	97.2%
ECO103228	BCE105068	57%	100%	100%
ECO103228	BFU100388	57%	100%	100%
ECO103228	BMA103347	58%	100%	100%
ECO103228	CJU101596	48%	98.9%	97.8%
ECO103228	CPN200112	42%	98.9%	96.2%
ECO103228	CTR200790	43%	98.9%	96.2%
ECO103228	CAC101071	47%	98.9%	98.3%
ECO103228	CBO102597	46%	98.9%	97.8%
ECO103228	CDF100753	48%	98.9%	97.8%
ECO103228	CDP101722	44%	98.9%	98.3%
ECO103228	EBC103655	92%	100%	100%
ECO103228	EFA201983	48%	98.9%	98.3%
ECO103228	EFM201241	46%	98.9%	98.3%
ECO103228	ECO103228	100%	100%	100%
ECO103228	HIN100773	75%	100%	100%
ECO103228	HPY101286	42%	98.9%	97.8%
ECO103228	KPN300489	100%	19.8%	100%
ECO103228	LPN100869	56%	100%	100%
ECO103228	LMO102101	46%	98.9%	98.3%
ECO103228	MCA100158	58%	100%	100%
ECO103228	MAV102075	43%	98.9%	98.3%
ECO103228	MBV101643	43%	98.9%	98.3%
ECO103228	MLP101122	42%	98.9%	98.3%
ECO103228	MTU200716	43%	98.9%	98.3%
ECO103228	MGE100169	40%	98.9%	96.7%
ECO103228	MPN100651	40%	98.9%	96.7%
ECO103228	NGO100923	59%	100%	100%
ECO103228	NME200108	59%	100%	100%
ECO103228	PMU101400	79%	100%	100%
ECO103228	PRT100556	85%	100%	100%
ECO103228	PAE204246	62%	100%	100%
ECO103228	PPU104525	62%	100%	100%
ECO103228	PSY100295	61%	100%	100%
ECO103228	SPA104330	98%	100%	100%
ECO103228	STY101820	98%	100%	100%
ECO103228	SAU802235	44%	98.9%	98.3%
ECO103228	SEP200253	45%	98.9%	98.3%
ECO103228	SHA100054	49%	58.8%	97.2%
ECO103228	SMU100602	49%	98.9%	98.3%
ECO103228	SPN400204	46%	98.9%	98.3%
ECO103228	SPY200052	45%	98.9%	98.3%
ECO103228	TPA100202	38%	98.9%	97.8%
ECO103228	UUR100248	39%	98.9%	96.7%
ECO103228	VCH102544	73%	100%	100%
ECO103228	YPS002454	89%	100%	100%
ECO103229	ABA100112	65%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103229	BAN113611	50%	98.5%	95.6%
ECO103229	BAN101892	51%	99.2%	99.2%
ECO103229	BFR10780	43%	97.7%	99.2%
ECO103229	BPT100866	67%	100%	100%
ECO103229	BBU100491	35%	99.2%	99.2%
ECO103229	BCE101537	62%	100%	100%
ECO103229	BFU100387	64%	100%	100%
ECO103229	BMA101128	64%	100%	100%
ECO103229	CJU101597	41%	97.7%	98.5%
ECO103229	CPN200111	40%	96.2%	95.5%
ECO103229	CTR200791	37%	96.2%	95.5%
ECO103229	CAC102421	53%	99.2%	99.2%
ECO103229	CBO102964	52%	99.2%	99.2%
ECO103229	CDF100752	48%	99.2%	99.2%
ECO103229	CDP101719	52%	99.2%	99.2%
ECO103229	EBC103658	97%	100%	100%
ECO103229	EFA201984	48%	99.2%	99.2%
ECO103229	EFM200970	48%	99.2%	99.2%
ECO103229	ECO103229	100%	100%	100%
ECO103229	HIN100772	86%	100%	100%
ECO103229	HPY101287	39%	97.7%	98.5%
ECO103229	KPN300573	98%	86.9%	98.3%
ECO103229	LPN100471	56%	100%	100%
ECO103229	LMO100791	48%	99.2%	99.2%
ECO103229	MCA100157	59%	100%	100%
ECO103229	MAV102073	48%	99.2%	99.2%
ECO103229	MBV101642	47%	99.2%	99.2%
ECO103229	MLP101123	45%	99.2%	99.2%
ECO103229	MTU200715	47%	99.2%	99.2%
ECO103229	MGE100168	44%	96.2%	91.5%
ECO103229	MPN100652	45%	96.2%	90.8%
ECO103229	NGO100925	71%	100%	100%
ECO103229	NME200109	71%	100%	100%
ECO103229	PMU101401	88%	100%	100%
ECO103229	PRT100555	95%	100%	100%
ECO103229	PAE204247	64%	99.2%	99.2%
ECO103229	PPU108197	63%	99.2%	99.2%
ECO103229	PSY108276	63%	99.2%	99.2%
ECO103229	SPA104332	100%	100%	100%
ECO103229	STY101809	100%	100%	100%
ECO103229	SAU802236	51%	99.2%	99.2%
ECO103229	SEP200255	50%	99.2%	99.2%
ECO103229	SHA101609	43%	72.3%	100%
ECO103229	SMU100603	51%	99.2%	99.2%
ECO103229	SPN400203	48%	99.2%	99.2%
ECO103229	SPY200051	47%	99.2%	99.2%
ECO103229	TPA100201	46%	99.2%	99.2%
ECO103229	UUR100247	46%	96.2%	97.0%
ECO103229	VCH102545	80%	100%	100%
ECO103229	YPS002453	94%	100%	100%
ECO103230	ABA100113	63%	100%	100%
ECO103230	BAN104895	55%	42.6%	70.5%
ECO103230	BAN100258	55%	42.6%	70.5%
ECO103230	BFR103418	53%	95.0%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103230	BPT104100	64%	100%	100%
ECO103230	BBU100490	44%	53.5%	73.0%
ECO103230	BCE114286	59%	100%	100%
ECO103230	BFU100386	63%	100%	100%
ECO103230	BMA106945	63%	100%	100%
ECO103230	CJU101598	51%	42.6%	70.5%
ECO103230	CPN200907	50%	100%	100%
ECO103230	CTR200165	52%	100%	100%
ECO103230	CAC102855	54%	43.6%	72.1%
ECO103230	CBO101206	48%	61.4%	88.5%
ECO103230	CDF102552	54%	43.6%	72.1%
ECO103230	CDP100129	52%	100%	100%
ECO103230	EBC103661	93%	100%	100%
ECO103230	EFA201445	44%	100%	100%
ECO103230	EFA203574	50%	100%	100%
ECO103230	EFM201806	61%	38.6%	63.9%
ECO103230	ECO103230	100%	100%	100%
ECO103230	HIN100771	91%	100%	100%
ECO103230	HPY101288	53%	42.6%	70.5%
ECO103230	KPN300574	98%	100%	100%
ECO103230	LPN101663	46%	100%	100%
ECO103230	LMO102736	50%	100%	100%
ECO103230	MCA100105	61%	100%	100%
ECO103230	MAV102072	53%	42.6%	70.5%
ECO103230	MBV100099	46%	100%	100%
ECO103230	MLP101124	53%	42.6%	70.5%
ECO103230	MTU202023	46%	100%	100%
ECO103230	MGE100167	48%	42.6%	70.5%
ECO103230	MPN100653	48%	42.6%	70.5%
ECO103230	NGO100927	60%	100%	100%
ECO103230	NME200110	60%	100%	100%
ECO103230	PMU101402	93%	100%	100%
ECO103230	PRT100554	91%	100%	100%
ECO103230	PAE204248	69%	100%	100%
ECO103230	PPU109128	63%	100%	100%
ECO103230	PSY100242	67%	100%	100%
ECO103230	SPA104333	95%	100%	100%
ECO103230	STY101808	98%	100%	100%
ECO103230	SAU801336	51%	100%	100%
ECO103230	SEP201993	51%	100%	100%
ECO103230	SHA100036	50%	100%	100%
ECO103230	SMU102003	56%	38.6%	63.9%
ECO103230	SPN400202	54%	100%	100%
ECO103230	SPY201440	42%	100%	100%
ECO103230	TPA100200	47%	43.6%	72.1%
ECO103230	UUR100246	53%	42.6%	70.5%
ECO103230	VCH102546	83%	100%	100%
ECO103230	YPS002452	89%	100%	100%
ECO103231	ABA100107	73%	85.5%	100%
ECO103231	BAN113536	53%	98.9%	98.9%
ECO103231	BAN110693	59%	100%	100%
ECO103231	BFR10778	49%	98.9%	95.1%
ECO103231	BPT100865	64%	99.4%	99.4%
ECO103231	BBU100489	59%	97.8%	96.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103231	BCE101479	66%	99.4%	99.4%
ECO103231	BFU100385	66%	99.4%	99.4%
ECO103231	BMA102975	65%	99.4%	99.4%
ECO103231	CJU101599	47%	100%	98.9%
ECO103231	CPN200110	51%	100%	98.9%
ECO103231	CTR200792	50%	100%	98.9%
ECO103231	CAC100782	56%	97.8%	97.2%
ECO103231	CBO103765	56%	100%	99.4%
ECO103231	CDF100751	53%	99.4%	98.9%
ECO103231	CDP101582	57%	98.9%	94.7%
ECO103231	EBC103664	98%	100%	100%
ECO103231	EFA201985	60%	100%	100%
ECO103231	EFM200921	59%	100%	100%
ECO103231	ECO103231	100%	100%	100%
ECO103231	HIN100770	90%	100%	100%
ECO103231	HPY101289	46%	100%	98.9%
ECO103231	KPN300575	100%	79.3%	100%
ECO103231	LPN102846	67%	41.3%	93.7%
ECO103231	LMO101852	60%	100%	100%
ECO103231	MCA100155	66%	99.4%	100%
ECO103231	MAV102069	57%	98.9%	94.7%
ECO103231	MBV101640	57%	98.9%	94.7%
ECO103231	MLP101125	57%	98.9%	94.7%
ECO103231	MTU200713	57%	98.9%	94.7%
ECO103231	MGE100166	54%	100%	99.4%
ECO103231	MPN100654	55%	100%	99.4%
ECO103231	NGO100929	68%	99.4%	99.4%
ECO103231	NME200111	69%	99.4%	99.4%
ECO103231	PMU101403	92%	100%	100%
ECO103231	PRT100553	95%	100%	94.2%
ECO103231	PAE204249	68%	99.4%	99.4%
ECO103231	PPU104523	67%	99.4%	99.4%
ECO103231	PSY100243	78%	46.4%	98.8%
ECO103231	SPA104334	98%	100%	100%
ECO103231	STY101807	98%	100%	100%
ECO103231	SAU802238	60%	100%	100%
ECO103231	SEP200260	60%	100%	100%
ECO103231	SHA100780	60%	100%	100%
ECO103231	SMU100604	61%	98.9%	98.3%
ECO103231	SPN400201	61%	98.9%	98.3%
ECO103231	SPY200049	61%	98.9%	98.3%
ECO103231	TPA100199	55%	96.1%	93.0%
ECO103231	UUR100245	55%	100%	97.3%
ECO103231	VCH102547	84%	100%	100%
ECO103231	YPS002451	95%	100%	100%
ECO103232	ABA102168	56%	87.5%	98.9%
ECO103232	BAN110382	53%	91.3%	92.2%
ECO103232	BAN104944	52%	95.2%	96.1%
ECO103232	BFR103505	48%	96.2%	95.3%
ECO103232	BPT104094	58%	95.2%	93.4%
ECO103232	BBU100488	42%	99.0%	100%
ECO103232	BCE110380	55%	96.2%	96.1%
ECO103232	BFU100383	60%	91.3%	91.2%
ECO103232	BMA108868	56%	96.2%	96.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103232	CJU101600	47%	65.4%	88.3%
ECO103232	CPN200109	44%	65.4%	59.5%
ECO103232	CTR200793	45%	61.5%	55.9%
ECO103232	CAC102906	38%	94.2%	93.4%
ECO103232	CBO100250	46%	94.2%	94.3%
ECO103232	CDF103678	51%	87.5%	89.2%
ECO103232	CDP101580	45%	96.2%	99.0%
ECO103232	EBC103629	98%	100%	100%
ECO103232	EFA205255	50%	95.2%	96.1%
ECO103232	EFM201757	53%	95.2%	96.1%
ECO103232	ECO103232	100%	100%	100%
ECO103232	HIN100769	76%	99.0%	100%
ECO103232	HPY101290	43%	67.3%	95.9%
ECO103232	KPN305017	100%	100%	100%
ECO103232	LMO101665	47%	95.2%	96.1%
ECO103232	MCA100154	51%	97.1%	96.2%
ECO103232	MAV102067	45%	96.2%	99.0%
ECO103232	MBV101639	41%	96.2%	99.0%
ECO103232	MLP101126	42%	96.2%	99.0%
ECO103232	MTU200712	41%	96.2%	99.0%
ECO103232	MGE100165	33%	96.2%	98.1%
ECO103232	MPN100655	32%	96.2%	98.2%
ECO103232	NGO100931	52%	96.2%	96.3%
ECO103232	NME200112	51%	96.2%	96.3%
ECO103232	PMU101404	76%	99.0%	100%
ECO103232	PRT103501	92%	37.5%	100%
ECO103232	PAE204250	65%	97.1%	97.1%
ECO103232	PPU104522	62%	96.2%	96.2%
ECO103232	PSY100105	65%	96.2%	96.2%
ECO103232	SPA104335	97%	100%	100%
ECO103232	STY101806	99%	100%	100%
ECO103232	SAU802239	53%	96.2%	95.2%
ECO103232	SEP200261	51%	96.2%	95.2%
ECO103232	SHA101599	53%	66.3%	95.8%
ECO103232	SMU100605	47%	95.2%	97.0%
ECO103232	SPN400200	52%	95.2%	97.0%
ECO103232	SPY200048	47%	95.2%	97.0%
ECO103232	TPA100198	45%	96.2%	95.1%
ECO103232	UUR100244	38%	94.2%	92.7%
ECO103232	VCH102548	80%	99.0%	98.1%
ECO103232	YPS002450	96%	100%	100%
ECO103233	ABA102167	83%	91.1%	96.5%
ECO103233	BAN108009	66%	100%	100%
ECO103233	BFR100659	63%	100%	100%
ECO103233	BPT100864	76%	100%	100%
ECO103233	BBU100487	60%	100%	98.4%
ECO103233	BCE113728	76%	100%	100%
ECO103233	BFU100381	77%	100%	100%
ECO103233	BMA101057	76%	100%	100%
ECO103233	CJU101601	68%	100%	100%
ECO103233	CPN200108	55%	100%	100%
ECO103233	CTR200794	57%	100%	100%
ECO103233	CAC101685	64%	100%	100%
ECO103233	CBO100636	61%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103233	CDF102312	62%	100%	100%
ECO103233	CDP101578	65%	100%	100%
ECO103233	EBC103643	98%	100%	100%
ECO103233	EFA201986	62%	100%	100%
ECO103233	EFM201996	63%	100%	100%
ECO103233	ECO103233	100%	100%	100%
ECO103233	HIN100768	94%	100%	100%
ECO103233	HPY101291	65%	100%	100%
ECO103233	KPN305016	97%	67.5%	100%
ECO103233	LMO100716	62%	100%	100%
ECO103233	MCA100153	84%	100%	100%
ECO103233	MAV102065	65%	100%	100%
ECO103233	MBV101638	65%	100%	100%
ECO103233	MLP101127	65%	92.7%	100%
ECO103233	MTU200711	65%	100%	100%
ECO103233	MGE100164	56%	100%	100%
ECO103233	MPN100656	56%	100%	100%
ECO103233	NGO100934	78%	100%	100%
ECO103233	NME200113	78%	100%	100%
ECO103233	PMU101405	94%	100%	100%
ECO103233	PRT103251	96%	97.6%	100%
ECO103233	PAE204251	85%	100%	100%
ECO103233	PPU108200	84%	100%	100%
ECO103233	PSY100106	84%	100%	100%
ECO103233	SPA104303	98%	100%	100%
ECO103233	STY101805	98%	100%	100%
ECO103233	SAU802240	66%	100%	100%
ECO103233	SEP200262	68%	100%	100%
ECO103233	SHA100778	67%	100%	85.3%
ECO103233	SMU100606	62%	100%	100%
ECO103233	SPN400199	63%	100%	100%
ECO103233	SPY200047	63%	100%	100%
ECO103233	TPA100197	64%	100%	100%
ECO103233	UUR100243	58%	100%	100%
ECO103233	VCH102549	90%	100%	100%
ECO103233	YPS002449	97%	100%	100%
ECO103234	BAN105005	52%	89.3%	86.2%
ECO103234	BFR100428	60%	86.9%	85.9%
ECO103234	BPT104067	57%	91.7%	82.8%
ECO103234	BBU100486	51%	90.5%	90.5%
ECO103234	BCE100913	61%	91.7%	85.6%
ECO103234	BFU103897	60%	41.7%	77.8%
ECO103234	BMA102592	57%	91.7%	85.6%
ECO103234	CJU101602	48%	92.9%	94.0%
ECO103234	CPN200107	45%	83.3%	80.2%
ECO103234	CTR200795	47%	84.5%	84.3%
ECO103234	CAC101333	59%	91.7%	91.7%
ECO103234	CBO101908	62%	91.7%	91.7%
ECO103234	CDF102812	65%	85.7%	85.7%
ECO103234	CDP102662	54%	94.0%	83.7%
ECO103234	EBC103647	97%	100%	100%
ECO103234	EFA205257	54%	94.0%	83.2%
ECO103234	EFM201704	55%	94.0%	89.8%
ECO103234	ECO103234	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103234	HIN100766	85%	100%	98.8%
ECO103234	HPY101292	50%	88.1%	86.0%
ECO103234	KPN204999	96%	100%	100%
ECO103234	LMO101712	56%	89.3%	86.2%
ECO103234	MCA101811	56%	97.6%	91.1%
ECO103234	MAV102052	57%	91.7%	65.8%
ECO103234	MBV101010	54%	91.7%	56.6%
ECO103234	MLP101128	57%	86.9%	57.5%
ECO103234	MTU200707	54%	91.7%	56.6%
ECO103234	MGE100163	41%	91.7%	91.8%
ECO103234	MPN100657	38%	91.7%	91.8%
ECO103234	NGO102122	64%	96.4%	93.1%
ECO103234	NME200114	65%	96.4%	93.1%
ECO103234	PMU101406	83%	100%	98.8%
ECO103234	PRT103498	79%	81.0%	100%
ECO103234	PAE204252	70%	94.0%	89.8%
ECO103234	PPU104520	72%	94.0%	87.8%
ECO103234	PSY107655	69%	94.0%	89.8%
ECO103234	SPA104305	82%	100%	100%
ECO103234	STY101804	98%	100%	100%
ECO103234	SAU802241	49%	89.3%	86.2%
ECO103234	SEP200263	50%	89.3%	86.2%
ECO103234	SHA100777	49%	89.3%	86.2%
ECO103234	SMU100607	56%	94.0%	91.9%
ECO103234	SPN400198	54%	94.0%	91.9%
ECO103234	SPY200046	56%	94.0%	91.9%
ECO103234	TPA100196	49%	91.7%	91.7%
ECO103234	UUR100242	48%	91.7%	91.7%
ECO103234	VCH102550	86%	97.6%	97.6%
ECO103234	YPS002447	94%	100%	100%
ECO103235	BAN110808	40%	95.2%	90.9%
ECO103235	BFR105960	29%	95.2%	92.3%
ECO103235	BPT104063	59%	98.4%	98.4%
ECO103235	BBU100485	26%	88.9%	84.8%
ECO103235	BCE113660	54%	96.8%	95.3%
ECO103235	BFU103895	57%	96.8%	93.8%
ECO103235	BMA106564	55%	96.8%	95.3%
ECO103235	CJU101603	32%	92.1%	95.1%
ECO103235	CTR200796	35%	88.9%	79.2%
ECO103235	CAC100885	51%	95.2%	89.6%
ECO103235	CBO100087	42%	95.2%	90%
ECO103235	CDF101032	48%	95.2%	84.5%
ECO103235	CDP102152	50%	92.1%	76.3%
ECO103235	EBC103651	92%	100%	100%
ECO103235	EFA205258	45%	96.8%	98.4%
ECO103235	EFM200524	45%	96.8%	98.4%
ECO103235	ECO103235	100%	100%	100%
ECO103235	HIN100765	75%	98.4%	98.4%
ECO103235	HPY101293	37%	92.1%	87.9%
ECO103235	KPN205610	93%	100%	100%
ECO103235	LMO100756	40%	95.2%	95.2%
ECO103235	MCA100557	50%	95.2%	92.3%
ECO103235	MAV108778	46%	88.9%	72.7%
ECO103235	MBV101011	46%	88.9%	72.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103235	MLP101129	48%	88.9%	69.1%
ECO103235	MTU200706	46%	88.9%	72.7%
ECO103235	MGE100162	41%	92.1%	29%
ECO103235	MPN100658	43%	92.1%	52.3%
ECO103235	NGO103266	63%	95.2%	95.2%
ECO103235	NME200115	63%	95.2%	95.2%
ECO103235	PMU101407	77%	98.4%	98.4%
ECO103235	PRT104948	91%	73.0%	100%
ECO103235	PAE204253	75%	98.4%	98.4%
ECO103235	PPU108202	72%	98.4%	96.9%
ECO103235	PSY103398	72%	98.4%	96.9%
ECO103235	SPA104959	100%	47.6%	71.4%
ECO103235	STY107537	98%	100%	100%
ECO103235	SAU802242	40%	95.2%	87.0%
ECO103235	SEP202582	40%	95.2%	87.0%
ECO103235	SHA103379	40%	95.2%	87.0%
ECO103235	SMU102853	50%	88.9%	81.2%
ECO103235	SPN400197	50%	88.9%	82.4%
ECO103235	SPY200045	48%	88.9%	82.4%
ECO103235	UUR100241	36%	92.1%	77.3%
ECO103235	VCH102551	82%	100%	100%
ECO103235	YPS005126	93%	100%	100%
ECO103236	ABA100087	75%	85.3%	98.3%
ECO103236	BAN105442	58%	97.8%	93.1%
ECO103236	BFR12478	59%	97.8%	93.1%
ECO103236	BPT104060	75%	99.3%	98.6%
ECO103236	BBU100484	55%	97.8%	97.1%
ECO103236	BCE110254	75%	97.8%	97.1%
ECO103236	BFU100274	76%	97.8%	97.1%
ECO103236	BMA108797	76%	97.8%	97.1%
ECO103236	CJU101604	67%	97.8%	95.0%
ECO103236	CPN200105	53%	97.8%	97.1%
ECO103236	CTR200797	55%	97.8%	97.1%
ECO103236	CAC102622	56%	97.8%	91.2%
ECO103236	CBO103643	56%	97.8%	91.2%
ECO103236	CDF100749	55%	97.8%	93.7%
ECO103236	CDP101572	54%	52.2%	94.7%
ECO103236	EBC103654	97%	100%	100%
ECO103236	EFA201987	53%	100%	95.1%
ECO103236	EFM200770	54%	100%	95.1%
ECO103236	ECO103236	100%	100%	100%
ECO103236	HIN100764	89%	100%	100%
ECO103236	HPY101294	62%	97.1%	94.3%
ECO103236	KPN300638	95%	91.2%	100%
ECO103236	LMO101423	55%	97.8%	93.1%
ECO103236	MCA100019	77%	100%	100%
ECO103236	MAV102093	50%	97.8%	97.1%
ECO103236	MBV101012	48%	94.9%	94.2%
ECO103236	MLP101130	49%	97.8%	97.1%
ECO103236	MTU200705	49%	97.8%	97.1%
ECO103236	MGE100161	45%	92.6%	92.0%
ECO103236	MPN100659	47%	92.6%	91.4%
ECO103236	NGO100936	79%	99.3%	98.6%
ECO103236	NME200116	79%	99.3%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103236	PMU101408	92%	100%	100%
ECO103236	PRT100078	94%	100%	100%
ECO103236	PAE204254	77%	100%	100%
ECO103236	PPU104518	78%	100%	100%
ECO103236	PSY103397	78%	100%	100%
ECO103236	SPA104307	98%	100%	100%
ECO103236	STY101803	98%	100%	100%
ECO103236	SAU802243	54%	97.8%	93.1%
ECO103236	SEP200265	53%	97.8%	93.1%
ECO103236	SHA100775	53%	97.8%	93.1%
ECO103236	SMU100608	53%	97.8%	97.8%
ECO103236	SPN400196	53%	97.8%	97.8%
ECO103236	SPY200044	54%	97.8%	97.8%
ECO103236	TPA100194	54%	97.1%	95.7%
ECO103236	UUR100240	52%	97.8%	97.1%
ECO103236	VCH102552	87%	100%	100%
ECO103236	YPS002443	91%	100%	100%
ECO103237	ABA100086	68%	98.3%	99.1%
ECO103237	BAN112122	55%	78.1%	100%
ECO103237	BAN102487	57%	89.3%	94.5%
ECO103237	BFR10672	54%	89.7%	85.2%
ECO103237	BPT100851	61%	100%	87.1%
ECO103237	BBU100483	47%	89.7%	72.4%
ECO103237	BCE110191	62%	99.1%	87.2%
ECO103237	BFU100273	60%	100%	99.1%
ECO103237	BMA108753	62%	99.1%	87.2%
ECO103237	CJU101605	57%	98.3%	99.1%
ECO103237	CPN200104	53%	95.3%	97.8%
ECO103237	CTR200798	55%	88.4%	92.0%
ECO103237	CAC103109	55%	89.3%	94.1%
ECO103237	CBO100517	54%	95.3%	100%
ECO103237	CDF100748	51%	98.7%	82.3%
ECO103237	CDP101570	53%	98.3%	89.8%
ECO103237	EBC103657	100%	100%	100%
ECO103237	EFA201993	59%	89.3%	95.0%
ECO103237	EFM201332	57%	89.3%	95.0%
ECO103237	ECO103237	100%	100%	100%
ECO103237	HIN100763	87%	100%	100%
ECO103237	HPY101295	55%	100%	98.7%
ECO103237	KPN300639	99%	100%	100%
ECO103237	LMO101810	59%	89.3%	95.0%
ECO103237	MCA100254	63%	100%	97.9%
ECO103237	MAV102092	49%	99.1%	85.4%
ECO103237	MBV101013	49%	100%	85.4%
ECO103237	MLP101131	50%	98.3%	81.5%
ECO103237	MTU200704	49%	100%	85.4%
ECO103237	MGE100160	41%	98.7%	86.2%
ECO103237	MPN100660	41%	99.6%	87.2%
ECO103237	NGO100939	59%	98.3%	97.8%
ECO103237	NME200117	60%	98.3%	97.8%
ECO103237	PMU101409	88%	100%	100%
ECO103237	PRT103066	97%	100%	100%
ECO103237	PAE204255	73%	96.6%	98.7%
ECO103237	PPU104517	72%	98.7%	96.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103237	PSY103396	71%	98.7%	100%
ECO103237	SPA104309	100%	100%	100%
ECO103237	STY101802	100%	100%	100%
ECO103237	SAU802244	55%	89.3%	95.4%
ECO103237	SEP200267	53%	89.3%	95.4%
ECO103237	SHA100774	54%	89.3%	95.4%
ECO103237	SMU100609	57%	89.3%	95.4%
ECO103237	SPN400195	57%	89.3%	95.4%
ECO103237	SPY200043	57%	89.3%	95.4%
ECO103237	TPA100193	48%	89.7%	85.4%
ECO103237	UUR100239	43%	89.7%	82.5%
ECO103237	VCH102553	87%	100%	100%
ECO103237	YPS002439	98%	100%	100%
ECO103238	ABA100085	74%	97.3%	97.3%
ECO103238	BAN109858	53%	100%	97.4%
ECO103238	BAN111310	60%	100%	97.3%
ECO103238	BFR102815	46%	96.4%	91.5%
ECO103238	BPT104052	70%	97.3%	98.2%
ECO103238	BBU100482	42%	96.4%	89.2%
ECO103238	BCE103775	61%	99.1%	100%
ECO103238	BFU100272	61%	99.1%	100%
ECO103238	BMA104499	61%	99.1%	100%
ECO103238	CJU101606	35%	89.1%	66.7%
ECO103238	CPN200103	41%	96.4%	95.5%
ECO103238	CTR200799	41%	96.4%	95.5%
ECO103238	CAC102305	50%	100%	99.1%
ECO103238	CBO100872	49%	100%	99.1%
ECO103238	CDF103249	48%	100%	92.4%
ECO103238	CDP102437	52%	96.4%	88.3%
ECO103238	EBC103660	97%	100%	100%
ECO103238	EFA201995	54%	96.4%	90.6%
ECO103238	EFM202159	55%	96.4%	92.2%
ECO103238	ECO103238	100%	100%	100%
ECO103238	HIN100762	91%	100%	100%
ECO103238	HPY101296	40%	92.7%	80.3%
ECO103238	KPN300640	97%	44.5%	100%
ECO103238	LMO100543	59%	90%	83.9%
ECO103238	MCA100253	70%	99.1%	100%
ECO103238	MAV102091	54%	97.3%	59.4%
ECO103238	MBV101014	53%	97.3%	54.3%
ECO103238	MLP101132	52%	97.3%	61.1%
ECO103238	MTU200703	53%	97.3%	54.3%
ECO103238	MGE100159	44%	99.1%	75.7%
ECO103238	MPN100661	50%	99.1%	59.2%
ECO103238	NGO102695	66%	99.1%	100%
ECO103238	NME200118	66%	99.1%	100%
ECO103238	PMU101410	90%	100%	100%
ECO103238	PRT103067	95%	100%	100%
ECO103238	PAE204256	69%	100%	100%
ECO103238	PPU104507	69%	100%	100%
ECO103238	PSY107686	69%	83.6%	100%
ECO103238	SPA104311	100%	100%	100%
ECO103238	STY101801	100%	100%	100%
ECO103238	SAU802245	54%	99.1%	93.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103238	SEP200269	54%	99.1%	93.2%
ECO103238	SHA100773	54%	99.1%	93.2%
ECO103238	SMU100610	53%	96.4%	93.0%
ECO103238	SPN400194	54%	96.4%	93.0%
ECO103238	SPY200042	55%	96.4%	93.0%
ECO103238	TPA100192	41%	95.5%	85.5%
ECO103238	UUR100238	47%	92.7%	33.1%
ECO103238	VCH102554	81%	100%	100%
ECO103238	YPS001865	97%	100%	100%
ECO103239	ABA100084	72%	98.9%	100%
ECO103239	BAN101977	54%	95.7%	96.6%
ECO103239	BAN110916	65%	100%	100%
ECO103239	BFR104321	62%	95.7%	98.9%
ECO103239	BPT104048	70%	98.9%	100%
ECO103239	BBU100481	52%	98.9%	100%
ECO103239	BCE112635	76%	98.9%	100%
ECO103239	BFU104367	76%	98.9%	100%
ECO103239	BMA100281	76%	98.9%	100%
ECO103239	CJU101607	58%	97.8%	96.8%
ECO103239	CPN200102	57%	94.6%	98.9%
ECO103239	CTR200800	58%	94.6%	98.9%
ECO103239	CAC101096	61%	95.7%	94.6%
ECO103239	CBO102193	62%	96.7%	84.5%
ECO103239	CDF103424	59%	100%	98.9%
ECO103239	CDP101567	65%	100%	100%
ECO103239	EBC103663	100%	100%	100%
ECO103239	EFA201997	66%	100%	100%
ECO103239	EFM202484	66%	100%	100%
ECO103239	ECO103239	100%	100%	100%
ECO103239	HIN100761	90%	98.9%	100%
ECO103239	HPY101297	61%	97.8%	96.8%
ECO103239	KPN300699	98%	100%	100%
ECO103239	LMO100277	69%	100%	100%
ECO103239	MCA100252	72%	98.9%	100%
ECO103239	MAV102090	67%	100%	100%
ECO103239	MBV101015	66%	100%	98.9%
ECO103239	MLP101133	67%	100%	100%
ECO103239	MTU200702	66%	100%	98.9%
ECO103239	MGE100158	58%	94.6%	100%
ECO103239	MPN100662	58%	94.6%	100%
ECO103239	NGO102970	73%	100%	100%
ECO103239	NME200119	75%	100%	100%
ECO103239	PMU101411	90%	98.9%	100%
ECO103239	PRT100323	95%	100%	100%
ECO103239	PAE204257	82%	98.9%	100%
ECO103239	PPU111002	81%	98.9%	100%
ECO103239	PSY101086	79%	98.9%	100%
ECO103239	SPA104313	98%	100%	100%
ECO103239	STY101800	98%	100%	100%
ECO103239	SAU802246	65%	100%	100%
ECO103239	SEP200271	66%	100%	100%
ECO103239	SHA100772	66%	100%	100%
ECO103239	SMU102869	65%	41.3%	95%
ECO103239	SPN400192	67%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103239	SPY200041	66%	100%	100%
ECO103239	TPA100191	55%	95.7%	96.8%
ECO103239	UUR100237	60%	95.7%	100%
ECO103239	VCH102555	93%	100%	100%
ECO103239	YPS001864	95%	100%	100%
ECO103240	ABA100083	72%	99.3%	98.9%
ECO103240	BAN100305	61%	58.2%	99.4%
ECO103240	BFR10675	53%	100%	100%
ECO103240	BPT100850	67%	100%	99.6%
ECO103240	BBU100480	55%	100%	100%
ECO103240	BCE100228	71%	100%	99.6%
ECO103240	BFU100271	70%	100%	99.6%
ECO103240	BMA102202	70%	100%	99.6%
ECO103240	CJU101608	55%	99.3%	98.9%
ECO103240	CPN200101	55%	98.5%	98.9%
ECO103240	CTR200801	53%	98.5%	98.9%
ECO103240	CAC101509	56%	99.6%	99.3%
ECO103240	CBO101184	56%	99.3%	98.9%
ECO103240	CDF100747	57%	100%	100%
ECO103240	CDP101565	56%	99.3%	97.1%
ECO103240	EBC103628	99%	100%	100%
ECO103240	EFA201999	58%	100%	100%
ECO103240	EFM200310	59%	82.1%	98.7%
ECO103240	ECO103240	100%	100%	100%
ECO103240	HIN100760	85%	100%	100%
ECO103240	HPY101298	50%	99.3%	98.9%
ECO103240	KPN300698	98%	100%	100%
ECO103240	LMO100597	58%	100%	99.6%
ECO103240	MCA100251	72%	99.3%	98.5%
ECO103240	MAV102089	56%	99.3%	97.1%
ECO103240	MBV101016	56%	99.3%	97.1%
ECO103240	MLP101134	54%	99.3%	97.1%
ECO103240	MTU200701	56%	99.3%	97.1%
ECO103240	MGE100157	48%	99.3%	98.2%
ECO103240	MPN100663	51%	91.2%	88.9%
ECO103240	NGO101613	67%	99.3%	98.2%
ECO103240	NME200120	67%	99.3%	98.2%
ECO103240	PMU101412	86%	100%	100%
ECO103240	PRT100324	92%	100%	99.6%
ECO103240	PAE204258	79%	99.3%	99.6%
ECO103240	PPU104505	76%	99.3%	99.6%
ECO103240	PSY107059	77%	99.3%	99.6%
ECO103240	SPA104315	98%	100%	100%
ECO103240	STY101789	99%	100%	100%
ECO103240	SAU802247	58%	100%	99.6%
ECO103240	SEP200273	58%	100%	99.6%
ECO103240	SHA100771	58%	100%	99.6%
ECO103240	SPN400191	56%	100%	99.6%
ECO103240	SPY200040	56%	100%	99.6%
ECO103240	TPA100190	56%	99.3%	99.6%
ECO103240	UUR100236	53%	100%	100%
ECO103240	VCH102556	83%	100%	100%
ECO103240	YPS001863	95%	100%	99.6%
ECO103241	ABA100082	53%	93%	87.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103241	BFR102748	40%	86%	93.8%
ECO103241	BPT104043	54%	91%	92.9%
ECO103241	BBU100479	40%	85%	88.3%
ECO103241	BCE100645	54%	97%	93.3%
ECO103241	BFU103900	53%	97%	93.3%
ECO103241	BMA108040	54%	97%	93.3%
ECO103241	CJU101609	33%	74%	79.6%
ECO103241	CPN200100	33%	88%	83.8%
ECO103241	CTR200802	37%	76%	71.2%
ECO103241	CAC102428	38%	91%	92.9%
ECO103241	CBO102507	39%	89%	91.8%
ECO103241	CDF101975	48%	89%	92.7%
ECO103241	CDP102947	45%	89%	88.1%
ECO103241	EBC101608	94%	98%	100%
ECO103241	EFA205285	38%	83%	85.4%
ECO103241	ECO103241	100%	100%	100%
ECO103241	HIN100759	73%	97%	98.0%
ECO103241	HPY101299	31%	77%	82.8%
ECO103241	KPN300697	99%	100%	100%
ECO103241	LMO100631	35%	78%	81.9%
ECO103241	MCA100250	52%	95%	88.1%
ECO103241	MAV102088	37%	88%	88%
ECO103241	MBV101017	38%	88%	88%
ECO103241	MLP101135	39%	88%	88%
ECO103241	MTU200700	38%	88%	88%
ECO103241	MGE100156	27%	88%	84.9%
ECO103241	NGO102702	51%	98%	94.2%
ECO103241	NME200121	52%	98%	92.5%
ECO103241	PMU101413	74%	100%	100%
ECO103241	PRT100325	96%	100%	100%
ECO103241	PAE204259	53%	99%	100%
ECO103241	PPU102891	55%	99%	100%
ECO103241	PSY107072	54%	99%	100%
ECO103241	SPA104317	99%	100%	100%
ECO103241	STY101788	99%	100%	100%
ECO103241	SAU802248	38%	81%	87.9%
ECO103241	SEP200275	39%	81%	87.9%
ECO103241	SHA100770	40%	81%	87.9%
ECO103241	SPN400190	39%	81%	82.7%
ECO103241	SPY200039	40%	81%	82.7%
ECO103241	TPA100189	42%	84%	88.3%
ECO103241	VCH102557	81%	100%	100%
ECO103241	YPS005095	92%	100%	100%
ECO103242	ABA100081	70%	93.5%	94%
ECO103242	BFR10676	34%	97.0%	94.7%
ECO103242	BPT100849	58%	98.0%	97.6%
ECO103242	BBU100478	32%	93.0%	90.9%
ECO103242	BCE103118	56%	95.5%	93.7%
ECO103242	BFU100270	54%	100%	100%
ECO103242	BMA104332	55%	64.2%	100%
ECO103242	CJU101610	34%	87.1%	86.3%
ECO103242	CPN200099	32%	86.6%	83.0%
ECO103242	CTR200803	33%	90.5%	87.4%
ECO103242	CAC100377	41%	94.5%	92.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103242	CBO103307	43%	94.5%	92.2%
ECO103242	CDF100746	39%	94.5%	88.0%
ECO103242	CDP101562	38%	87.1%	81.6%
ECO103242	EBC101609	98%	100%	100%
ECO103242	EFA202001	42%	94.5%	92.3%
ECO103242	ECO103242	100%	100%	100%
ECO103242	HIN100758	83%	100%	100%
ECO103242	HPY101300	40%	86.1%	84.7%
ECO103242	KPN300696	98%	100%	100%
ECO103242	LMO102640	43%	100%	98.6%
ECO103242	MCA100249	66%	95.5%	96%
ECO103242	MAV102087	37%	92.5%	86.6%
ECO103242	MBV101018	38%	91.0%	83.0%
ECO103242	MLP101136	37%	87.1%	77.0%
ECO103242	MTU200699	38%	91.0%	83.0%
ECO103242	MGE100155	32%	86.1%	84.4%
ECO103242	MPN100665	31%	91.5%	89.2%
ECO103242	NGO101615	55%	98.5%	98.5%
ECO103242	NME200122	54%	98.5%	98.5%
ECO103242	PMU101414	87%	100%	100%
ECO103242	PRT103342	93%	100%	100%
ECO103242	PAE204260	67%	99.5%	99.5%
ECO103242	PPU104504	68%	99.5%	99.5%
ECO103242	PSY108736	68%	99.5%	99.5%
ECO103242	SPA104319	99%	100%	100%
ECO103242	STY101787	100%	100%	100%
ECO103242	SAU802249	40%	94.5%	92.3%
ECO103242	SEP200280	41%	95.0%	92.8%
ECO103242	SHA100769	40%	94.5%	92.3%
ECO103242	SPN400189	42%	94.5%	92.3%
ECO103242	SPY200038	42%	95.5%	93.2%
ECO103242	TPA100188	33%	95.0%	88.9%
ECO103242	UUR100234	35%	80.1%	78.2%
ECO103242	VCH102558	84%	100%	100%
ECO103242	YPS001862	94%	100%	100%
ECO103243	ABA100080	75%	46.9%	100%
ECO103243	BFR10677	52%	97.6%	99.5%
ECO103243	BPT100848	67%	99.5%	92.1%
ECO103243	BBU100477	45%	99.5%	100%
ECO103243	BCE112456	60%	99.0%	96.3%
ECO103243	BFU100269	59%	99.0%	95.4%
ECO103243	BMA106660	60%	99.0%	95.4%
ECO103243	CJU101611	35%	92.3%	93.2%
ECO103243	CPN200098	46%	97.1%	95.9%
ECO103243	CTR200804	43%	97.1%	95.0%
ECO103243	CAC103369	46%	99.0%	98.6%
ECO103243	CBO101061	45%	98.6%	94.9%
ECO103243	CDF100745	51%	99.5%	98.6%
ECO103243	CDP100915	50%	98.6%	94.5%
ECO103243	EBC101610	99%	100%	100%
ECO103243	EFA202003	50%	99.0%	98.1%
ECO103243	ECO103243	100%	100%	100%
ECO103243	HIN100757	85%	100%	100%
ECO103243	HPY101301	35%	92.3%	93.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103243	KPN300695	98%	44.0%	100%
ECO103243	LMO102018	46%	99.0%	98.1%
ECO103243	MCA100248	66%	100%	99.5%
ECO103243	MAV102086	50%	98.6%	96.3%
ECO103243	MBV100990	50%	98.6%	96.3%
ECO103243	MLP101137	50%	98.6%	95.9%
ECO103243	MTU200698	50%	98.6%	96.3%
ECO103243	MGE100154	39%	98.6%	80.9%
ECO103243	MPN100666	39%	98.6%	72.5%
ECO103243	NGO101617	67%	99.0%	97.7%
ECO103243	NME200123	67%	99.0%	97.7%
ECO103243	PMU101415	86%	100%	100%
ECO103243	PRT102977	92%	100%	100%
ECO103243	PAE204261	74%	99.5%	98.1%
ECO103243	PPU111511	74%	99.5%	98.1%
ECO103243	PSY106254	73%	99.5%	93.2%
ECO103243	SPA104320	95%	100%	100%
ECO103243	STY101786	98%	100%	100%
ECO103243	SAU802250	43%	98.6%	96.8%
ECO103243	SEP200281	46%	92.3%	90.9%
ECO103243	SHA100768	45%	61.2%	96.9%
ECO103243	SMU100611	53%	99.0%	97.6%
ECO103243	SPN400188	53%	99.0%	97.6%
ECO103243	SPY200037	51%	99.0%	97.6%
ECO103243	TPA100187	45%	99.5%	98.6%
ECO103243	UUR100233	41%	99.5%	89.3%
ECO103243	VCH102559	83%	100%	100%
ECO103243	YPS001861	93%	100%	100%
ECO103244	ABA100720	80%	64.1%	100%
ECO103244	BAN112470	60%	81.6%	100%
ECO103244	BFR102501	54%	97.1%	99.0%
ECO103244	BPT104019	76%	99.0%	85.7%
ECO103244	BBU100476	53%	93.2%	93.2%
ECO103244	BCE114850	76%	99.0%	82.3%
ECO103244	BFU100268	77%	99.0%	71.3%
ECO103244	BMA104676	76%	99.0%	99.0%
ECO103244	CJU101612	58%	94.2%	94.2%
ECO103244	CPN200200	66%	96.1%	94.3%
ECO103244	CTR200710	67%	96.1%	94.3%
ECO103244	CAC101769	65%	99.0%	100%
ECO103244	CBO101448	66%	99.0%	100%
ECO103244	CDF104153	60%	61.2%	100%
ECO103244	CDP100914	61%	97.1%	99.0%
ECO103244	EBC101611	98%	100%	100%
ECO103244	EFA205288	61%	99.0%	100%
ECO103244	ECO103244	100%	100%	100%
ECO103244	HIN100756	98%	100%	87.3%
ECO103244	HPY101302	57%	95.1%	94.2%
ECO103244	KPN304660	97%	100%	95.4%
ECO103244	LMO100137	63%	99.0%	100%
ECO103244	MCA101858	82%	100%	100%
ECO103244	MAV102085	61%	97.1%	99.0%
ECO103244	MBV100992	61%	97.1%	99.0%
ECO103244	MLP101138	61%	97.1%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103244	MTU200697	61%	97.1%	99.0%
ECO103244	MGE100153	37%	93.2%	90.6%
ECO103244	MPN100667	38%	93.2%	88.9%
ECO103244	NGO102546	70%	99.0%	99.0%
ECO103244	NME200127	70%	99.0%	99.0%
ECO103244	PMU101416	98%	100%	100%
ECO103244	PRT100142	98%	100%	100%
ECO103244	PAE204262	90%	100%	100%
ECO103244	PPU104502	88%	91.3%	100%
ECO103244	PSY106273	90%	100%	83.1%
ECO103244	SPA104323	81%	100%	95.5%
ECO103244	STY101785	98%	100%	100%
ECO103244	SAU802251	62%	99.0%	100%
ECO103244	SEP200282	62%	99.0%	100%
ECO103244	SHA102423	60%	99.0%	100%
ECO103244	SMU100612	60%	99.0%	100%
ECO103244	SPN400187	61%	99.0%	100%
ECO103244	SPY200036	59%	99.0%	100%
ECO103244	TPA100186	56%	97.1%	98.0%
ECO103244	UUR100232	52%	97.1%	99.0%
ECO103244	VCH102560	93%	100%	100%
ECO103244	YPS005092	98%	100%	100%
ECO103245	ECO103245	100%	100%	100%
ECO103246	ABA103556	32%	13.1%	48.1%
ECO103246	ECO103246	100%	100%	100%
ECO103246	VCH102409	22%	60.9%	57.1%
ECO103262	ABA100233	85%	33.5%	98.5%
ECO103262	ABA100062	85%	99.5%	99.5%
ECO103262	BAN106076	75%	99.7%	99.7%
ECO103262	BFR12122	72%	99.7%	99.7%
ECO103262	BPT100044	81%	99.7%	99.7%
ECO103262	BPT100847	81%	99.7%	99.7%
ECO103262	BBU100475	64%	99.7%	98.0%
ECO103262	BCE112288	75%	15.5%	98.4%
ECO103262	BCE106056	83%	52.5%	100%
ECO103262	BCE108906	81%	99.7%	99.7%
ECO103262	BFU100267	74%	37.3%	99.3%
ECO103262	BFU100847	80%	99.7%	99.7%
ECO103262	BMA107343	79%	95.9%	100%
ECO103262	BMA106305	80%	99.7%	99.7%
ECO103262	CJU100435	73%	99.7%	99.7%
ECO103262	CPN200689	69%	99.5%	99.5%
ECO103262	CTR200588	68%	99.7%	98.5%
ECO103262	CAC103049	73%	99.7%	99.7%
ECO103262	CBO100671	69%	10.9%	95.6%
ECO103262	CBO101209	75%	59.1%	100%
ECO103262	CBO101304	73%	99.5%	99.5%
ECO103262	CDF100547	74%	99.7%	95.9%
ECO103262	CDP100912	72%	99.7%	99.7%
ECO103262	EBC101615	99%	34.0%	100%
ECO103262	EBC100362	98%	47.7%	100%
ECO103262	EBC102891	98%	100%	100%
ECO103262	EFA202006	77%	99.7%	99.7%
ECO103262	EFM100161	75%	71.3%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103262	ECO103262	100%	100%	100%
ECO103262	HIN100558	92%	99.7%	99.7%
ECO103262	HIN100613	92%	99.7%	99.7%
ECO103262	HPY101188	73%	99.7%	99.7%
ECO103262	KPN300520	98%	23.6%	100%
ECO103262	KPN300653	98%	80.2%	100%
ECO103262	KPN300869	98%	100%	100%
ECO103262	LMO102516	74%	99.5%	99.5%
ECO103262	MCA100162	82%	99.5%	99.5%
ECO103262	MAV102941	75%	99.7%	99.7%
ECO103262	MBV103318	74%	99.7%	99.7%
ECO103262	MLP101139	75%	99.7%	99.7%
ECO103262	MTU200682	74%	99.7%	99.7%
ECO103262	MGE100460	69%	99.7%	99.7%
ECO103262	MPN100177	70%	99.7%	99.7%
ECO103262	NGO101673	83%	99.7%	99.7%
ECO103262	NGO101620	83%	99.7%	99.7%
ECO103262	NME200128	84%	99.7%	99.7%
ECO103262	NME200143	84%	99.7%	99.7%
ECO103262	PMU101746	92%	99.7%	99.7%
ECO103262	PMU101357	92%	99.7%	99.7%
ECO103262	PRT100737	95%	24.6%	100%
ECO103262	PRT100321	94%	100%	100%
ECO103262	PAE204275	84%	99.7%	99.7%
ECO103262	PAE204263	84%	99.7%	99.7%
ECO103262	PPU104463	78%	76.6%	99.7%
ECO103262	PPU104501	77%	99.7%	99.7%
ECO103262	PSY107231	77%	99.7%	99.7%
ECO103262	SPA104331	98%	39.6%	100%
ECO103262	SPA102798	99%	100%	100%
ECO103262	STY101782	99%	100%	100%
ECO103262	STY102689	99%	100%	100%
ECO103262	STM102043	99%	100%	100%
ECO103262	SAU800548	75%	99.7%	99.7%
ECO103262	SEP200072	75%	99.5%	99.5%
ECO103262	SHA101389	75%	99.7%	99.7%
ECO103262	SMU101538	73%	99.5%	99.5%
ECO103262	SPN401342	72%	99.5%	99.5%
ECO103262	SPY200441	72%	99.5%	99.5%
ECO103262	TPA100185	69%	99.7%	79.6%
ECO103262	UUR100528	71%	99.2%	99.2%
ECO103262	VCH100316	87%	99.7%	99.7%
ECO103262	VCH100357	87%	99.7%	99.7%
ECO103262	YPS000510	93%	99.7%	99.7%
ECO103262	YPS001855	95%	99.7%	99.7%
ECO103263	ABA100059	72%	88.1%	99.7%
ECO103263	BAN103750	70%	8.8%	84.9%
ECO103263	BAN113143	56%	76.0%	98.1%
ECO103263	BAN108186	63%	99.4%	98.3%
ECO103263	BFR12249	60%	62.8%	98.0%
ECO103263	BPT100846	74%	100%	100%
ECO103263	BBU100539	48%	97.4%	97.4%
ECO103263	BCE101645	75%	100%	100%
ECO103263	BFU100846	74%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103263	BMA109643	74%	100%	100%
ECO103263	CJU100458	64%	99.7%	99.7%
ECO103263	CPN200199	57%	98.6%	98.8%
ECO103263	CTR200711	58%	98.0%	98.3%
ECO103263	CAC102763	61%	99.3%	99.4%
ECO103263	CBO100608	59%	99.0%	97.4%
ECO103263	CDF100548	64%	99.7%	100%
ECO103263	CDP100910	58%	98.6%	95.6%
ECO103263	EBC102893	97%	100%	100%
ECO103263	EFA202007	60%	99.9%	99.6%
ECO103263	EFM100881	25%	96.0%	96.0%
ECO103263	ECO103263	100%	100%	100%
ECO103263	HIN100559	84%	100%	100%
ECO103263	HPY101178	66%	99.7%	99.7%
ECO103263	KPN300870	97%	98.3%	100%
ECO103263	LMO102926	62%	99.9%	99.1%
ECO103263	MCA100232	72%	99.4%	98.7%
ECO103263	MAV102942	59%	98.7%	98.1%
ECO103263	MBV103317	59%	98.7%	98.1%
ECO103263	MLP101140	59%	98.7%	98.1%
ECO103263	MTU200681	59%	98.7%	98.1%
ECO103263	MGE100091	55%	99.3%	99.4%
ECO103263	MPN100604	55%	99.7%	99.9%
ECO103263	NGO101623	74%	99.7%	99.7%
ECO103263	NME200129	74%	99.7%	99.7%
ECO103263	PMU101356	84%	100%	100%
ECO103263	PRT100253	85%	99.7%	94.1%
ECO103263	PAE204264	68%	99.9%	100%
ECO103263	PPU104500	67%	99.9%	100%
ECO103263	PSY103391	66%	94.3%	100%
ECO103263	SPA102789	92%	100%	100%
ECO103263	STY101781	97%	100%	100%
ECO103263	SAU800547	59%	99.4%	99.3%
ECO103263	SEP200071	58%	99.4%	99.3%
ECO103263	SMU100688	60%	99.4%	99.1%
ECO103263	SPN400250	60%	99.4%	99.1%
ECO103263	SPY200202	60%	99.4%	99.3%
ECO103263	TPA100759	47%	98.6%	97.8%
ECO103263	UUR100529	58%	98.7%	98.8%
ECO103263	VCH100356	73%	99.9%	100%
ECO103263	YPS001853	86%	100%	100%
ECO103264	ABA100054	69%	87.2%	100%
ECO103264	BAN101047	47%	87.2%	100%
ECO103264	BAN102922	56%	87.2%	100%
ECO103264	BFR102620	54%	82.7%	85.8%
ECO103264	BPT100845	66%	87.2%	90.2%
ECO103264	BBU100385	54%	87.2%	100%
ECO103264	BCE114655	66%	87.2%	100%
ECO103264	BFU100845	67%	87.2%	100%
ECO103264	BMA108128	66%	87.2%	100%
ECO103264	CJU100457	58%	86.0%	99.4%
ECO103264	CPN200198	56%	87.2%	100%
ECO103264	CTR200712	57%	85.5%	98.7%
ECO103264	CAC101300	57%	87.2%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103264	CBO100058	56%	87.2%	90.7%
ECO103264	CDF100549	55%	87.2%	100%
ECO103264	CDP100907	54%	86.0%	99.4%
ECO103264	EBC102895	97%	87.2%	100%
ECO103264	EFA202013	53%	87.2%	100%
ECO103264	ECO103264	100%	100%	100%
ECO103264	HIN100560	89%	87.2%	100%
ECO103264	HPY101179	60%	86.0%	99.4%
ECO103264	KPN300871	93%	93.3%	100%
ECO103264	LMO101111	53%	87.2%	100%
ECO103264	MCA100231	68%	87.2%	100%
ECO103264	MAV102943	53%	87.2%	100%
ECO103264	MBV103316	53%	87.2%	100%
ECO103264	MLP101141	53%	87.2%	100%
ECO103264	MTU200680	53%	87.2%	100%
ECO103264	MGE100090	52%	82.7%	95.5%
ECO103264	MPN100605	48%	86.0%	99.4%
ECO103264	NGO101627	66%	87.2%	100%
ECO103264	NME200130	66%	87.2%	100%
ECO103264	PMU101355	89%	87.2%	100%
ECO103264	PRT100252	96%	87.2%	100%
ECO103264	PAE204265	69%	87.2%	100%
ECO103264	PPU112217	71%	87.2%	100%
ECO103264	PSY106485	85%	22.9%	100%
ECO103264	SPA102393	100%	57.5%	91.2%
ECO103264	STY101780	99%	87.2%	100%
ECO103264	SAU800546	60%	87.2%	100%
ECO103264	SEP200070	60%	87.2%	100%
ECO103264	SHA102003	45%	22.3%	100%
ECO103264	SMU100686	55%	87.2%	100%
ECO103264	SPN400249	56%	87.2%	100%
ECO103264	SPY200201	52%	87.2%	100%
ECO103264	TPA100241	57%	87.2%	100%
ECO103264	UUR100530	53%	82.7%	95.5%
ECO103264	VCH100355	87%	87.2%	100%
ECO103264	YPS001851	95%	87.2%	100%
ECO103265	ABA100053	82%	99.2%	100%
ECO103265	BAN100648	67%	100%	97.9%
ECO103265	BFR10866	76%	60.5%	88.2%
ECO103265	BPT100844	81%	99.2%	98.4%
ECO103265	BBU100386	73%	100%	100%
ECO103265	BCE108786	81%	100%	98.4%
ECO103265	BFU100844	82%	100%	98.4%
ECO103265	BMA100034	81%	100%	98.4%
ECO103265	CJU100456	75%	100%	96.9%
ECO103265	CPN200197	71%	99.2%	100%
ECO103265	CTR200713	69%	99.2%	100%
ECO103265	CAC103453	77%	99.2%	98.4%
ECO103265	CBO102727	73%	99.2%	98.4%
ECO103265	CDF102422	66%	99.2%	95.1%
ECO103265	CDP100904	73%	99.2%	90.4%
ECO103265	EBC102897	100%	100%	100%
ECO103265	EFA202015	70%	100%	100%
ECO103265	ECO103265	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103265	HIN100561	93%	100%	100%
ECO103265	HPY101180	71%	100%	91.9%
ECO103265	KPN200561	99%	100%	100%
ECO103265	LMO101449	68%	99.2%	99.3%
ECO103265	MCA100230	84%	100%	100%
ECO103265	MAV102944	69%	100%	100%
ECO103265	MBV103315	69%	99.2%	99.2%
ECO103265	MLP101142	68%	100%	100%
ECO103265	MTU200679	69%	99.2%	99.2%
ECO103265	MGE100089	64%	99.2%	97.8%
ECO103265	MPN100606	65%	100%	98.6%
ECO103265	NGO101631	85%	99.2%	100%
ECO103265	NME200131	86%	99.2%	100%
ECO103265	PMU101354	91%	100%	100%
ECO103265	PRT103411	84%	86.3%	100%
ECO103265	PAE204266	88%	99.2%	100%
ECO103265	PPU112031	86%	99.2%	100%
ECO103265	PSY103389	85%	99.2%	100%
ECO103265	SPA102395	100%	100%	100%
ECO103265	STY101779	100%	100%	100%
ECO103265	SAU800545	65%	99.2%	99.3%
ECO103265	SEP201889	65%	99.2%	99.3%
ECO103265	SHA101640	65%	99.2%	99.3%
ECO103265	SMU100684	70%	100%	100%
ECO103265	SPN400248	69%	100%	100%
ECO103265	SPY200200	69%	99.2%	99.3%
ECO103265	TPA100240	70%	100%	100%
ECO103265	UUR100531	63%	99.2%	96.5%
ECO103265	VCH100354	92%	100%	100%
ECO103265	YPS001825	95%	100%	100%
ECO103266	EBC102899	63%	100%	100%
ECO103266	ECO103266	100%	100%	100%
ECO103266	KPN300551	58%	100%	100%
ECO103266	PRT104907	49%	100%	97.9%
ECO103266	PAE202605	36%	98.9%	95.0%
ECO103266	PPU110115	33%	98.9%	95.9%
ECO103266	PSY104174	32%	98.9%	96.0%
ECO103266	SPA102396	68%	100%	100%
ECO103266	STY107465	68%	100%	100%
ECO103266	VCH100353	32%	95.8%	98.9%
ECO103266	YPS003640	50%	100%	100%
ECO103284	BAN111440	23%	42.5%	72.9%
ECO103284	BAN104459	24%	45%	77.1%
ECO103284	EBC103862	65%	77.5%	79.9%
ECO103284	EFM200399	27%	32.5%	83.3%
ECO103284	EFM202078	25%	91%	88.1%
ECO103284	ECO103284	100%	100%	100%
ECO103284	HIN100958	26%	86%	82.7%
ECO103284	HPY101142	27%	77%	79.1%
ECO103284	KPN301330	69%	100%	100%
ECO103284	MBV102382	31%	91%	88.6%
ECO103284	MTU203589	31%	91%	88.6%
ECO103284	NGO101050	43%	80.5%	89.1%
ECO103284	NME200004	29%	62%	59.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103284	PRT103550	24%	53%	43.3%
ECO103284	PAE201365	21%	57.5%	46.1%
ECO103284	SPA103293	86%	100%	100%
ECO103284	STY101440	87%	100%	100%
ECO103284	SMU101037	24%	89.5%	86.6%
ECO103284	SPN400494	24%	51%	41.6%
ECO103287	EBC103866	88%	98.5%	100%
ECO103287	ECO103287	100%	100%	100%
ECO103287	KPN301254	87%	98.7%	98.5%
ECO103287	SPA103290	91%	98.5%	100%
ECO103287	STY101427	91%	100%	100%
ECO103287	STM102826	90%	100%	100%
ECO103287	SPN401452	22%	94.4%	96.3%
ECO103287	YPS001674	74%	99.5%	99.7%
ECO103292	BFR104186	36%	65.5%	56.2%
ECO103292	EBC103865	70%	100%	98.2%
ECO103292	ECO103292	100%	100%	100%
ECO103292	PRT105579	58%	96.4%	96.4%
ECO103292	PPU108816	56%	94.5%	87.3%
ECO103292	SPA104676	74%	49.1%	26.2%
ECO103292	STY101409	81%	98.2%	96.4%
ECO103292	STM102840	81%	98.2%	96.4%
ECO103293	ABA104455	27%	74.0%	67.5%
ECO103293	BAN100527	22%	84.4%	91.5%
ECO103293	BAN102320	27%	93.7%	89.6%
ECO103293	BCE113620	24%	86.8%	96.2%
ECO103293	BFU102503	26%	93.7%	74.4%
ECO103293	BMA105063	24%	87.7%	90.0%
ECO103293	CAC101716	21%	28.6%	92.8%
ECO103293	CAC102152	25%	62.3%	93.7%
ECO103293	CAC102361	27%	73.2%	73.0%
ECO103293	CBO102674	24%	74.0%	78.2%
ECO103293	CBO102827	29%	94.4%	98.4%
ECO103293	CDF100725	24%	93.7%	98.2%
ECO103293	CDF104332	27%	94.4%	98.0%
ECO103293	EFA202143	26%	93.3%	97.5%
ECO103293	EFM202324	53%	96.1%	98.4%
ECO103293	ECO103293	100%	100%	100%
ECO103293	KPN308934	24%	93.3%	94.6%
ECO103293	MBV102542	22%	92.6%	96.4%
ECO103293	MTU201966	23%	95.0%	94.5%
ECO103293	PPU108666	27%	74.0%	65.4%
ECO103293	SAU801437	26%	93.9%	98.4%
ECO103293	SMU101189	23%	89.6%	91.1%
ECO103293	SPN400905	23%	87.9%	89.9%
ECO103293	SPY200012	25%	91.6%	95.2%
ECO103293	UUR100586	24%	52.2%	46.6%
ECO103298	BFR103716	27%	30.6%	24.9%
ECO103298	BFR103746	38%	26.8%	21.5%
ECO103298	BCE107571	27%	80.4%	78.5%
ECO103298	BFU103399	31%	80.4%	87.4%
ECO103298	BMA102306	29%	79.2%	88.0%
ECO103298	CAC102623	30%	85.7%	95.8%
ECO103298	EFM202446	27%	78.9%	85.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103298	ECO103298	100%	100%	100%
ECO103298	PAE202800	25%	85.7%	94.1%
ECO103298	PSY107079	25%	75.8%	80.3%
ECO103298	STY100833	28%	88.3%	97.9%
ECO103298	SEP100200	33%	28.3%	65.8%
ECO103298	VCH101187	28%	84.9%	95.3%
ECO103302	BFU106978	27%	97.9%	95.1%
ECO103302	ECO103302	100%	100%	100%
ECO103302	KPN301663	27%	97.6%	93.6%
ECO103302	LMO100231	32%	99.3%	95.1%
ECO103302	MAV102129	30%	97.9%	93.3%
ECO103302	MBV101106	31%	86.6%	87.3%
ECO103302	MTU200229	31%	97.9%	93.3%
ECO103302	MPN100346	29%	42.5%	96.5%
ECO103302	PRT104876	29%	96.6%	93.9%
ECO103302	SPA103344	28%	91.4%	89.8%
ECO103302	STY101301	27%	96.9%	93.9%
ECO103302	STM103119	27%	96.9%	93.9%
ECO103303	ECO103303	100%	100%	100%
ECO103318	EBC103853	46%	98.9%	100%
ECO103318	ECO103318	100%	100%	100%
ECO103318	KPN303186	42%	92.2%	96.9%
ECO103318	PRT105660	22%	68.3%	65.0%
ECO103318	PPU111548	28%	36.9%	33.6%
ECO103318	SPA102356	64%	98.9%	100%
ECO103318	STY101387	66%	95.9%	99.2%
ECO103318	YPS001609	25%	97.0%	92.7%
ECO103319	ABA100939	40%	89.2%	88.1%
ECO103319	BFR12422	26%	90.8%	92.7%
ECO103319	BPT100929	37%	93.9%	88.9%
ECO103319	BBU100731	26%	91.7%	77.0%
ECO103319	BCE101177	39%	92.0%	89.4%
ECO103319	BFU113279	38%	92.3%	88.7%
ECO103319	BMA101065	38%	93.8%	85.1%
ECO103319	CDF102218	34%	97.6%	83.7%
ECO103319	CDF104052	40%	20.0%	49.7%
ECO103319	EBC106485	62%	12.9%	80%
ECO103319	EBC103851	87%	96.3%	100%
ECO103319	ECO103319	100%	100%	100%
ECO103319	HIN100420	52%	96.5%	95.4%
ECO103319	KPN308134	87%	100%	100%
ECO103319	LPN102619	55%	13.5%	100%
ECO103319	LPN100189	53%	32.9%	94.9%
ECO103319	MCA100561	38%	91.3%	94.7%
ECO103319	MAV100423	29%	82.5%	71.6%
ECO103319	MTU402689	34%	50.8%	86.7%
ECO103319	NGO101656	42%	92.8%	88.6%
ECO103319	NME200606	42%	92.8%	89.3%
ECO103319	PMU101230	52%	97.6%	97.5%
ECO103319	PRT102611	67%	99.1%	100%
ECO103319	PAE205040	41%	97.4%	97.1%
ECO103319	PPU102062	40%	92.5%	97.4%
ECO103319	PSY103737	40%	97.6%	97.1%
ECO103319	SPA100496	90%	47.0%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103319	STY101386	92%	100%	100%
ECO103319	STM102876	92%	100%	100%
ECO103319	SMU101483	28%	71.6%	73.0%
ECO103319	TPA100697	32%	97.2%	87.4%
ECO103319	VCH102598	51%	99.9%	99.6%
ECO103319	YPS001608	77%	99.1%	100%
ECO103331	BAN110202	30%	69.3%	61.2%
ECO103331	CAC102979	35%	68%	65.4%
ECO103331	CBO103674	37%	64%	32.9%
ECO103331	CDF102115	37%	68%	69.9%
ECO103331	EBC103841	89%	98.7%	98.7%
ECO103331	EFA201338	39%	68%	32.5%
ECO103331	EFM201283	31%	68%	32.5%
ECO103331	ECO103331	100%	100%	100%
ECO103331	KPN303175	89%	98.7%	98.7%
ECO103331	LPN100740	52%	66.7%	66.7%
ECO103331	PRT103194	64%	98.7%	94.9%
ECO103331	PAE204357	60%	85.3%	85.3%
ECO103331	SPA103545	96%	100%	100%
ECO103331	STY101363	96%	100%	100%
ECO103331	STM102922	96%	100%	100%
ECO103331	SMU102342	35%	64%	30.4%
ECO103331	VCH102046	40%	72%	71.1%
ECO103331	YPS001553	77%	94.7%	94.7%
ECO103338	ABA105993	44%	100%	98.5%
ECO103338	BCE101546	40%	17.8%	91.9%
ECO103338	BCE111450	45%	100%	98.5%
ECO103338	BFU101199	37%	98.6%	95.2%
ECO103338	BMA102664	44%	100%	98.5%
ECO103338	EBC103745	93%	100%	100%
ECO103338	ECO103338	100%	100%	100%
ECO103338	KPN308603	92%	100%	100%
ECO103338	MAV102128	32%	16.9%	18.4%
ECO103338	PAE202320	45%	99.5%	97.8%
ECO103338	PPU105284	45%	99.5%	97.8%
ECO103338	PSY102864	46%	87.2%	97.2%
ECO103338	SPA103542	94%	99.8%	100%
ECO103338	STY101345	96%	100%	100%
ECO103338	STM102957	96%	100%	100%
ECO103338	TPA100883	28%	17.8%	53.2%
ECO103338	YPS002425	84%	100%	100%
ECO103357	ABA103909	24%	92.4%	91.7%
ECO103357	ABA102959	25%	94.9%	94.1%
ECO103357	BCE106511	45%	97.0%	95.0%
ECO103357	BFU106470	46%	97.0%	96.0%
ECO103357	BMA100278	44%	94.9%	98.4%
ECO103357	CPN200827	30%	95.4%	93.1%
ECO103357	CTR200236	31%	97.0%	93.6%
ECO103357	EBC104285	94%	100%	100%
ECO103357	ECO103357	100%	100%	100%
ECO103357	PAE205481	44%	96.4%	95.9%
ECO103357	SPY201660	34%	52.3%	48.7%
ECO103357	TPA100978	39%	95.9%	67.3%
ECO103357	YPS002413	77%	97.5%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103366	ECO103366	100%	100%	100%
ECO103366	KPN205280	26%	87.0%	75.6%
ECO103366	YPS004146	18%	91.3%	75.3%
ECO103366	YPS004144	25%	50.7%	47.4%
ECO103370	ABA106026	32%	90.7%	87.6%
ECO103370	BPT102230	34%	97.1%	98.1%
ECO103370	BCE114044	47%	91.7%	100%
ECO103370	BFU113973	40%	97.9%	95.9%
ECO103370	BFU104436	42%	96.7%	96.0%
ECO103370	BMA104598	43%	97.2%	97.2%
ECO103370	CDF100584	30%	86.4%	89.9%
ECO103370	EBC103795	89%	100%	100%
ECO103370	ECO103370	100%	100%	100%
ECO103370	HPY101101	52%	91.6%	94.5%
ECO103370	KPN308894	87%	100%	100%
ECO103370	LPN103288	40%	90.2%	91.1%
ECO103370	MCA103579	34%	91.0%	95.7%
ECO103370	MAV104222	30%	91.2%	95.4%
ECO103370	MBV101291	32%	93.4%	90.9%
ECO103370	MTU202358	32%	93.4%	89.0%
ECO103370	NGO101177	36%	91.0%	89.1%
ECO103370	NME201155	36%	91.0%	89.3%
ECO103370	PRT102085	51%	89.7%	88.7%
ECO103370	PAE201337	46%	90.2%	93.0%
ECO103370	PPU106319	44%	90.2%	93.3%
ECO103370	PSY102725	51%	92.8%	95.1%
ECO103370	SPA103343	85%	96.7%	96.9%
ECO103370	STY101289	91%	99.8%	100%
ECO103370	SAU800209	34%	86.6%	74.6%
ECO103370	SEP201132	29%	88.1%	87.3%
ECO103370	SHA102213	29%	80.3%	82.7%
ECO103370	VCH100192	35%	96.9%	96.8%
ECO103372	ABA101262	27%	92.3%	95.8%
ECO103372	BAN102127	31%	92.7%	94.6%
ECO103372	BFR106093	28%	80.2%	91.9%
ECO103372	BPT100398	48%	96.8%	96.4%
ECO103372	BCE112820	49%	57.9%	100%
ECO103372	BFU109256	55%	96.8%	91.6%
ECO103372	BMA102573	58%	98.8%	96.8%
ECO103372	CAC101593	26%	92.7%	92.0%
ECO103372	CBO100794	24%	93.1%	91.2%
ECO103372	CBO101257	27%	94.3%	87.2%
ECO103372	CDF103994	27%	93.1%	37.8%
ECO103372	EBC103797	85%	99.6%	99.2%
ECO103372	EFA201725	36%	43.7%	44.4%
ECO103372	EFM200136	29%	92.3%	93.1%
ECO103372	ECO103372	100%	100%	100%
ECO103372	KPN300218	80%	41.3%	95.3%
ECO103372	KPN306040	89%	98.8%	99.2%
ECO103372	LPN101231	43%	87.9%	99.5%
ECO103372	LMO100188	25%	91.9%	93.5%
ECO103372	MAV103895	30%	66.0%	64.7%
ECO103372	MBV102482	37%	32.4%	29.0%
ECO103372	MLP100054	35%	32.8%	29.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103372	MTU200316	27%	93.5%	90.6%
ECO103372	MGE100299	26%	87.9%	89.8%
ECO103372	MPN100421	29%	61.9%	63.9%
ECO103372	PRT103897	34%	95.5%	99.6%
ECO103372	PAE202988	30%	91.9%	93.8%
ECO103372	PPU101826	31%	91.9%	94.5%
ECO103372	PSY105774	31%	95.1%	93.7%
ECO103372	SPA103341	87%	98.8%	99.2%
ECO103372	STY101288	87%	98.8%	99.2%
ECO103372	SAU800039	35%	93.1%	96.0%
ECO103372	SEP201213	35%	93.1%	96.0%
ECO103372	SHA100143	27%	80.6%	93.9%
ECO103372	SMU101565	26%	92.3%	92.3%
ECO103372	SPN400897	22%	94.7%	38.2%
ECO103372	VCH101530	28%	91.9%	94.9%
ECO103372	YPS000682	72%	98.4%	98.0%
ECO103376	BAN100778	33%	92.0%	88.4%
ECO103376	BAN112488	35%	91.1%	86.5%
ECO103376	BPT100288	56%	95.4%	95.4%
ECO103376	BCE100818	68%	99.1%	98.9%
ECO103376	BFU102498	68%	99.3%	98.0%
ECO103376	BMA103712	68%	97.3%	94.1%
ECO103376	CAC100193	29%	93.8%	91.9%
ECO103376	CBO100733	23%	93.6%	89.0%
ECO103376	CDF101162	24%	83.6%	81.0%
ECO103376	EBC103794	89%	100%	100%
ECO103376	EFA200222	24%	79.0%	79.8%
ECO103376	EFM201578	24%	95.4%	94.3%
ECO103376	ECO103376	100%	100%	100%
ECO103376	KPN304742	85%	96.6%	100%
ECO103376	LPN100476	36%	93.4%	91.1%
ECO103376	LMO100801	24%	92.2%	90.4%
ECO103376	MBV100369	25%	84.2%	82.6%
ECO103376	MTU202795	26%	84.2%	82.6%
ECO103376	PRT105550	51%	97.5%	98.4%
ECO103376	PAE202336	24%	68.7%	70.9%
ECO103376	PSY106154	30%	95.9%	85.7%
ECO103376	SPA102831	90%	96.6%	100%
ECO103376	STY101284	91%	100%	100%
ECO103376	SPN401710	22%	75.8%	79.0%
ECO103376	SPY100322	24%	44.3%	92.9%
ECO103376	VCH101525	40%	94.7%	94.7%
ECO103376	YPS000694	80%	99.1%	98.9%
ECO103394	BFR102473	26%	66.1%	66.8%
ECO103394	BPT100284	34%	98.2%	97.4%
ECO103394	BBU100050	19%	77.4%	77.7%
ECO103394	CPN200792	25%	87.3%	85.3%
ECO103394	EBC104291	91%	99.5%	99.5%
ECO103394	ECO103394	100%	100%	100%
ECO103394	HIN100842	56%	93.7%	93.2%
ECO103394	KPN304755	87%	100%	100%
ECO103394	LPN100898	48%	87.3%	86.2%
ECO103394	MTU406070	28%	30.8%	30.6%
ECO103394	NGO101678	64%	94.6%	91.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103394	NME202008	66%	94.6%	91.7%
ECO103394	PMU101889	56%	94.1%	93.6%
ECO103394	PRT103889	73%	92.3%	91.1%
ECO103394	PAE200013	61%	91.4%	93.1%
ECO103394	SPA102605	88%	94.6%	100%
ECO103394	STY100921	89%	100%	100%
ECO103394	STM103533	89%	100%	100%
ECO103394	SAU801432	29%	84.2%	80.8%
ECO103394	SEP200384	27%	82.4%	78.6%
ECO103394	SHA102541	28%	67.4%	98.1%
ECO103394	VCH102668	69%	94.6%	93.7%
ECO103394	YPS001314	75%	93.7%	93.2%
ECO103399	BFU100703	27%	96.9%	96.2%
ECO103399	CDP100600	25%	86.3%	77.1%
ECO103399	ECO103399	100%	100%	100%
ECO103399	KPN300173	77%	21.8%	100%
ECO103399	KPN304736	73%	99.8%	100%
ECO103399	MAV103759	24%	66.2%	66.2%
ECO103399	MTU403327	23%	58.4%	93.8%
ECO103399	PRT101741	44%	99.0%	98.7%
ECO103399	PPU106604	50%	93.7%	98.8%
ECO103399	SAU802467	34%	94.3%	93.2%
ECO103399	SEP200050	35%	92.7%	91.7%
ECO103399	SHA102341	24%	97.7%	98.1%
ECO103399	SHA102504	25%	96.0%	96.2%
ECO103399	SPY201537	27%	71.8%	69.0%
ECO103399	VCH103812	25%	88.0%	86.0%
ECO103405	ABA100477	25%	23.8%	97.4%
ECO103405	ABA100225	26%	66.7%	56.5%
ECO103405	BAN104847	19%	21.3%	3.7%
ECO103405	BAN109223	26%	10.2%	65.6%
ECO103405	BAN101440	29%	7.8%	44.3%
ECO103405	BAN110288	24%	22.7%	18.6%
ECO103405	BFR104422	62%	1.9%	27%
ECO103405	BCE104951	26%	27.4%	38.7%
ECO103405	BCE108121	25%	30.0%	70.0%
ECO103405	BFU107935	28%	23.7%	41.6%
ECO103405	BFU100092	47%	6.2%	98.9%
ECO103405	BFU100109	27%	14.2%	55.1%
ECO103405	BFU102581	29%	10.0%	4.6%
ECO103405	BMA107682	25%	49.6%	25.9%
ECO103405	CAC100404	25%	9.6%	44.7%
ECO103405	EBC107494	28%	7.4%	75%
ECO103405	EBC103412	28%	12.3%	35.0%
ECO103405	EBC104888	27%	24.7%	62.3%
ECO103405	ECO100686	92%	24.0%	70.2%
ECO103405	ECO101427	74%	39.5%	82.3%
ECO103405	ECO100488	74%	99.7%	99.6%
ECO103405	ECO100683	96%	88.4%	89.3%
ECO103405	ECO103515	98%	88.6%	90.8%
ECO103405	ECO103405	100%	100%	100%
ECO103405	PRT103688	31%	7.4%	73.6%
ECO103405	PRT103361	34%	8.0%	78.0%
ECO103405	PRT103421	25%	54.9%	65.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103405	PAE202682	33%	88.4%	88.7%
ECO103405	PPU107712	31%	7.6%	93.1%
ECO103405	PPU110484	27%	25.4%	83.0%
ECO103405	PPU109654	25%	2.7%	84.4%
ECO103405	PPU107101	39%	3.9%	5.5%
ECO103405	PPU109653	28%	41.5%	95.3%
ECO103405	PPU109652	26%	55.2%	54.6%
ECO103405	PPU110482	26%	11.0%	5.4%
ECO103405	PSY108533	34%	5.0%	83.6%
ECO103405	PSY101322	57%	4.2%	24.3%
ECO103405	PSY105816	45%	7.3%	45.7%
ECO103405	PSY102083	25%	13.5%	11.8%
ECO103405	SPA106438	45%	6.0%	5.5%
ECO103405	SPA100247	28%	49.2%	89.9%
ECO103405	STY104094	26%	50.1%	33.3%
ECO103405	STY104095	30%	24.1%	74.9%
ECO103405	STM103807	31%	15.1%	87.4%
ECO103405	STM103806	26%	50.1%	33.1%
ECO103405	YPS002860	25%	85.4%	75.9%
ECO103408	BAN101523	19%	47.7%	51.7%
ECO103408	BAN101319	22%	96.8%	97.4%
ECO103408	BCE103943	62%	99.5%	99.7%
ECO103408	BFU110636	64%	99.7%	100%
ECO103408	BMA106069	62%	99.7%	100%
ECO103408	CDF103530	22%	90.7%	87.4%
ECO103408	ECO103408	100%	100%	100%
ECO103408	KPN302968	88%	99.7%	100%
ECO103408	MLP101401	24%	42.9%	59.8%
ECO103408	MTU402591	25%	37.6%	30.3%
ECO103408	PMU101981	40%	98.1%	98.1%
ECO103408	PRT102404	74%	100%	100%
ECO103408	PAE205225	69%	99.7%	100%
ECO103408	PPU109044	49%	99.2%	100%
ECO103408	SPA101047	86%	97.1%	100%
ECO103408	SAU802643	23%	46.1%	16.5%
ECO103408	VCH101585	20%	96.3%	91.7%
ECO103414	BFR10501	46%	29.0%	97.3%
ECO103414	CAC102057	24%	46.5%	80.3%
ECO103414	EFM200286	26%	31.3%	34.4%
ECO103414	ECO103414	100%	100%	100%
ECO103414	SAU801442	37%	15.1%	13.0%
ECO103422	ABA100240	38%	99.6%	100%
ECO103422	BPT100396	43%	94.3%	94.4%
ECO103422	BCE102136	47%	92.9%	93.2%
ECO103422	BFU109218	46%	92.9%	75.3%
ECO103422	BMA105078	47%	92.9%	84.8%
ECO103422	EBC103766	91%	100%	100%
ECO103422	ECO103422	100%	100%	100%
ECO103422	HIN100421	66%	100%	100%
ECO103422	KPN300080	91%	40.4%	100%
ECO103422	KPN306391	91%	100%	100%
ECO103422	LPN102191	40%	96.8%	95.7%
ECO103422	MCA100718	29%	99.6%	100%
ECO103422	NGO101163	43%	92.9%	86.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103422	NME201159	43%	92.9%	93.2%
ECO103422	PMU101234	68%	100%	100%
ECO103422	PRT104285	74%	100%	100%
ECO103422	PAE205014	41%	99.6%	100%
ECO103422	PPU104709	43%	99.6%	100%
ECO103422	PSY102791	40%	99.6%	100%
ECO103422	SPA101521	91%	100%	100%
ECO103422	STY100851	92%	100%	100%
ECO103422	STM103579	92%	100%	100%
ECO103422	VCH100185	63%	100%	100%
ECO103422	YPS002520	78%	100%	100%
ECO103423	BPT102974	44%	100%	99.3%
ECO103423	BCE111388	40%	99.1%	98.0%
ECO103423	BMA105613	42%	99.1%	97.6%
ECO103423	EBC103768	92%	100%	100%
ECO103423	EFA200772	59%	99.6%	99.8%
ECO103423	EFM202592	57%	99.1%	99.3%
ECO103423	ECO103423	100%	100%	100%
ECO103423	HIN100154	73%	100%	100%
ECO103423	KPN308114	92%	100%	100%
ECO103423	LPN100559	51%	99.6%	99.3%
ECO103423	LMO100940	69%	100%	100%
ECO103423	MCA101240	67%	100%	100%
ECO103423	MBV100540	30%	97.8%	97.2%
ECO103423	MTU202817	30%	97.8%	97.2%
ECO103423	PMU101235	78%	100%	100%
ECO103423	PRT104768	86%	100%	100%
ECO103423	PAE202023	44%	100%	99.1%
ECO103423	PPU110449	45%	99.1%	98.7%
ECO103423	PSY105457	43%	84.7%	95.0%
ECO103423	SPA101522	91%	49.1%	100%
ECO103423	STY100839	94%	100%	100%
ECO103423	STM103581	94%	100%	100%
ECO103423	SMU100200	63%	100%	100%
ECO103423	SPN400692	61%	99.6%	99.8%
ECO103423	SPY200604	63%	99.1%	99.1%
ECO103423	VCH100184	73%	99.8%	99.1%
ECO103423	YPS002524	85%	100%	100%
ECO103424	ABA101438	51%	67.5%	72.5%
ECO103424	BAN101080	40%	61.5%	71.3%
ECO103424	BPT105662	32%	58.1%	59.8%
ECO103424	BCE103229	41%	57.3%	62.6%
ECO103424	BFU109350	36%	66.7%	62.9%
ECO103424	CJU101467	36%	47.0%	93.2%
ECO103424	CAC103713	43%	55.6%	52.5%
ECO103424	CBO102678	40%	57.3%	61.7%
ECO103424	CDF101466	37%	56.4%	53.7%
ECO103424	CDP100817	40%	55.6%	74.2%
ECO103424	EBC100218	71%	70.9%	74.8%
ECO103424	EBC102830	61%	89.7%	99.1%
ECO103424	EFA200371	43%	59.0%	71.6%
ECO103424	ECO103424	100%	100%	100%
ECO103424	KPN303338	77%	86.3%	92.7%
ECO103424	LMO102929	40%	57.3%	60.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103424	MAV105419	37%	59.0%	50.7%
ECO103424	MBV100521	44%	56.4%	54.0%
ECO103424	MLP100498	36%	59.0%	48.6%
ECO103424	MTU202605	44%	56.4%	54.0%
ECO103424	NGO102340	30%	58.1%	66.0%
ECO103424	PRT104823	62%	86.3%	91.0%
ECO103424	PAE202275	55%	79.5%	80.2%
ECO103424	PPU109423	57%	70.1%	71.3%
ECO103424	SAU801773	44%	57.3%	63.5%
ECO103424	SEP200558	43%	57.3%	63.5%
ECO103424	SHA102314	47%	59.8%	64.8%
ECO103424	SMU101184	25%	59.8%	75%
ECO103424	SPY201653	30%	55.6%	58.0%
ECO103424	VCH101049	46%	86.3%	91.2%
ECO103424	YPS000049	60%	100%	100%
ECO103451	ABA100014	63%	27.8%	95.7%
ECO103451	ABA100763	71%	97.0%	94.9%
ECO103451	BCE107211	63%	94.9%	96.4%
ECO103451	BFU109266	63%	94.9%	96.9%
ECO103451	BMA109143	61%	97.0%	97.0%
ECO103451	CJU101117	45%	96.3%	93.9%
ECO103451	CPN200221	33%	92.8%	96.1%
ECO103451	CTR200671	31%	94.9%	98.5%
ECO103451	CBO102516	25%	91.8%	92.8%
ECO103451	EBC104183	92%	100%	100%
ECO103451	ECO103451	100%	100%	100%
ECO103451	KPN304259	93%	100%	98.2%
ECO103451	LPN100722	48%	94.9%	94.9%
ECO103451	MBV101054	46%	96.0%	83.7%
ECO103451	MTU202407	46%	96.0%	83.7%
ECO103451	PAE201182	77%	95.6%	93.8%
ECO103451	PPU108087	76%	96.3%	93.6%
ECO103451	PSY104546	79%	95.8%	91.1%
ECO103451	SPA101566	93%	100%	100%
ECO103451	STY100803	94%	100%	100%
ECO103451	YPS002604	86%	97.4%	97.2%
ECO103452	EBC104185	77%	99.5%	97.0%
ECO103452	ECO103452	100%	100%	100%
ECO103452	KPN304258	68%	99.5%	97.0%
ECO103452	PRT103877	38%	32.9%	89.8%
ECO103452	SPA101565	76%	74.8%	100%
ECO103452	STY100801	84%	100%	99.1%
ECO103452	YPS002613	48%	99.4%	97.2%
ECO103453	ABA105278	27%	15.3%	79.8%
ECO103453	BAN107265	25%	11.3%	30.5%
ECO103453	BFR11466	24%	14.9%	63.2%
ECO103453	BPT100623	22%	58.0%	19.9%
ECO103453	BBU100194	34%	6.4%	65.2%
ECO103453	BCE105408	28%	0.7%	36.2%
ECO103453	BFU103167	26%	66.4%	35.2%
ECO103453	BMA106265	31%	4.6%	32.7%
ECO103453	CTR200055	23%	14.5%	57.0%
ECO103453	CAC103237	22%	13.5%	46.9%
ECO103453	CDP102065	22%	11.2%	41.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103453	EBC105028	71%	81.5%	100%
ECO103453	ECO103453	100%	100%	100%
ECO103453	KPN304293	67%	99.9%	100%
ECO103453	LMO101740	22%	14.8%	37.6%
ECO103453	PRT101998	42%	74.6%	97.6%
ECO103453	PPU111885	37%	95.0%	98.1%
ECO103453	PSY100822	26%	7.9%	28.3%
ECO103453	SPA100412	70%	39.1%	59.1%
ECO103453	SAU101362	31%	5.2%	27.5%
ECO103453	TPA100066	32%	11.7%	67.7%
ECO103453	VCH101588	25%	10.1%	44.3%
ECO103454	BAN104131	27%	25.5%	21.4%
ECO103454	BAN108214	24%	28.5%	29.9%
ECO103454	BCE102182	49%	93.8%	81.5%
ECO103454	BFU103168	42%	92.4%	91.6%
ECO103454	BMA109533	52%	42.9%	100%
ECO103454	BMA103069	47%	95.1%	88.7%
ECO103454	EBC104189	73%	99.7%	99.7%
ECO103454	ECO103454	100%	100%	100%
ECO103454	KPN300078	72%	31.5%	100%
ECO103454	KPN304291	72%	100%	99.7%
ECO103454	PRT102683	30%	67.4%	71.9%
ECO103454	PPU111883	47%	99.2%	99.2%
ECO103454	PSY100824	41%	98.4%	94.3%
ECO103454	SPA100719	77%	99.7%	99.7%
ECO103454	STY100795	81%	99.7%	99.5%
ECO103454	SMU100322	25%	79.3%	82.1%
ECO103461	BCE109623	35%	95.2%	98.8%
ECO103461	BMA103660	35%	95.2%	98.8%
ECO103461	EBC104191	83%	100%	100%
ECO103461	ECO103461	100%	100%	100%
ECO103461	KPN307938	80%	5.4%	100%
ECO103461	KPN308657	74%	99.1%	99.3%
ECO103461	PRT100405	49%	97.7%	98.2%
ECO103461	PPU111873	45%	98.2%	100%
ECO103461	SPA106506	84%	54.4%	100%
ECO103461	STY105426	84%	100%	100%
ECO103461	STM106756	84%	100%	100%
ECO103461	YPS003633	41%	7.7%	5.3%
ECO103462	BFU109953	25%	25.8%	22.3%
ECO103462	ECO103462	100%	100%	100%
ECO103462	KPN106090	46%	40.4%	90%
ECO103462	SPA101762	85%	100%	100%
ECO103462	STY100775	85%	100%	100%
ECO103462	STM103692	85%	100%	100%
ECO103462	YPS002670	62%	98.8%	97.7%
ECO103466	BCE108241	65%	100%	100%
ECO103466	BFU106008	64%	100%	100%
ECO103466	BMA106393	65%	100%	100%
ECO103466	CJU101489	26%	96.2%	97.1%
ECO103466	CAC100708	33%	99.1%	99.4%
ECO103466	CAC101801	37%	99.1%	99.1%
ECO103466	CAC101940	35%	99.7%	100%
ECO103466	CDP100963	38%	99.4%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103466	EBC101783	96%	91.4%	98.7%
ECO103466	ECO103466	100%	100%	100%
ECO103466	HIN101160	60%	99.4%	100%
ECO103466	HPY100295	48%	99.1%	99.4%
ECO103466	KPN304272	93%	91.2%	98.4%
ECO103466	LPN103397	29%	99.1%	99.4%
ECO103466	MCA100667	28%	69.3%	41.8%
ECO103466	MAV102745	37%	98.5%	98.7%
ECO103466	MBV101684	37%	98.5%	98.7%
ECO103466	MTU203611	37%	98.5%	98.7%
ECO103466	PMU100237	60%	99.4%	99.7%
ECO103466	PRT105623	85%	100%	100%
ECO103466	PAE204501	64%	100%	100%
ECO103466	PPU101447	64%	100%	100%
ECO103466	PSY104822	63%	100%	100%
ECO103466	SPA102841	94%	93.8%	100%
ECO103466	STY100767	97%	100%	100%
ECO103466	SAU504414	32%	99.1%	70.1%
ECO103466	YPS002639	87%	91.2%	98.1%
ECO103467	BCE104912	54%	96.8%	95.6%
ECO103467	BFU115490	52%	95.9%	93.8%
ECO103467	BFU113558	56%	97.2%	96.1%
ECO103467	BMA100120	54%	96.8%	90.2%
ECO103467	CAC102581	48%	9.3%	22.9%
ECO103467	CAC102670	25%	89.2%	83.4%
ECO103467	CAC101493	25%	79.8%	75.2%
ECO103467	CBO100751	26%	83.7%	79.5%
ECO103467	CBO101097	27%	91.2%	86.8%
ECO103467	CBO101308	26%	93.6%	87.5%
ECO103467	CDF101830	19%	53.5%	45.4%
ECO103467	CDF101269	27%	98.3%	97.3%
ECO103467	CDP101702	29%	61.7%	56.5%
ECO103467	EBC100767	91%	100%	100%
ECO103467	EFM101064	24%	53.3%	68.0%
ECO103467	ECO103467	100%	100%	100%
ECO103467	HIN100833	54%	96.6%	94.0%
ECO103467	HPY100294	39%	94.4%	91.1%
ECO103467	KPN300418	89%	29.3%	84.9%
ECO103467	KPN304271	91%	100%	98.0%
ECO103467	LPN103438	24%	57.0%	81.0%
ECO103467	PMU100236	67%	98.3%	99.2%
ECO103467	PRT105891	80%	100%	100%
ECO103467	PAE204498	53%	94.6%	94.9%
ECO103467	PAE204494	52%	97.6%	96.8%
ECO103467	PPU104151	52%	97.8%	98.0%
ECO103467	PSY104769	53%	97.8%	96.9%
ECO103467	SPA102842	92%	96.6%	100%
ECO103467	STY100765	93%	100%	100%
ECO103467	SAU602660	25%	92.5%	90.0%
ECO103467	YPS002641	84%	100%	100%
ECO103468	EBC100465	78%	64.8%	99.7%
ECO103468	ECO103468	100%	100%	100%
ECO103468	KPN303031	82%	96.2%	99.3%
ECO103468	PRT105266	50%	94.9%	98.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103468	SPA102846	86%	98.8%	97.4%
ECO103468	STY100745	84%	97.9%	99.8%
ECO103468	YPS002684	63%	96.7%	98.6%
ECO103478	BAN108883	66%	94.3%	100%
ECO103478	BAN105755	69%	94.3%	97.0%
ECO103478	CAC100946	62%	91.4%	96.9%
ECO103478	CBO101002	64%	91.4%	96.9%
ECO103478	CDF100848	65%	91.4%	95.5%
ECO103478	CDF100586	67%	91.4%	95.5%
ECO103478	CDF103776	67%	91.4%	95.5%
ECO103478	EBC104565	95%	100%	100%
ECO103478	EFA200173	42%	90%	92.5%
ECO103478	EFA202387	69%	90%	93.9%
ECO103478	EFM101712	67%	87.1%	92.3%
ECO103478	EFM101550	67%	87.1%	92.3%
ECO103478	EFM101770	67%	87.1%	90.9%
ECO103478	ECO103478	100%	100%	100%
ECO103478	KPN300213	100%	77.1%	100%
ECO103478	KPN303047	100%	100%	100%
ECO103478	LMO102272	68%	87.1%	90.9%
ECO103478	MAV105135	65%	91.4%	95.5%
ECO103478	PRT104862	74%	100%	100%
ECO103478	PRT100460	77%	100%	100%
ECO103478	PRT101016	78%	100%	100%
ECO103478	PAE203264	59%	95.7%	95.7%
ECO103478	PPU111381	59%	95.7%	95.7%
ECO103478	PSY108061	62%	91.4%	100%
ECO103478	SPA102026	100%	100%	100%
ECO103478	STY100718	100%	100%	100%
ECO103478	STM103774	100%	100%	100%
ECO103478	SAU800816	67%	91.4%	95.5%
ECO103479	BFR103841	20%	85.0%	85.7%
ECO103479	BCE103351	26%	46.2%	93.0%
ECO103479	BCE106925	30%	48.0%	69.0%
ECO103479	BCE114303	28%	62.4%	69.5%
ECO103479	BCE114066	28%	62.4%	75.5%
ECO103479	BCE101996	30%	61.3%	95.7%
ECO103479	BCE114648	30%	61.3%	95.7%
ECO103479	BCE110494	28%	78.0%	93.6%
ECO103479	BCE100189	29%	78.0%	93.6%
ECO103479	BCE106087	29%	78.0%	93.6%
ECO103479	BCE101088	30%	94.2%	91.4%
ECO103479	BFU100233	28%	94.2%	91.4%
ECO103479	BMA108532	32%	94.2%	95.3%
ECO103479	BMA106321	32%	94.2%	89.0%
ECO103479	CBO100985	22%	51.4%	73.5%
ECO103479	CDP102415	23%	89.6%	88.8%
ECO103479	CDP101144	23%	89.6%	88.8%
ECO103479	CDP102452	23%	89.6%	88.8%
ECO103479	CDP101135	23%	89.6%	88.8%
ECO103479	CDP101982	35%	96.0%	90.6%
ECO103479	CDP102843	20%	89.6%	88.8%
ECO103479	EBC101067	59%	96.5%	98.8%
ECO103479	EBC101652	95%	83.2%	92.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103479	EBC104471	94%	100%	100%
ECO103479	EFA200870	24%	94.2%	86.5%
ECO103479	EFM202055	30%	91.9%	88.6%
ECO103479	EFM200192	30%	94.2%	85.4%
ECO103479	EFM201962	30%	94.2%	84.0%
ECO103479	EFM201089	30%	94.2%	85.4%
ECO103479	ECO103479	100%	100%	100%
ECO103479	HIN101685	29%	32.4%	60.6%
ECO103479	KPN302648	41%	68.2%	82.3%
ECO103479	KPN301346	37%	96.5%	94.2%
ECO103479	KPN306050	37%	99.4%	97.1%
ECO103479	KPN306422	37%	99.4%	95.5%
ECO103479	MTU405844	36%	27.7%	88.7%
ECO103479	NGO101258	28%	83.8%	81.4%
ECO103479	NGO101211	28%	83.8%	81.4%
ECO103479	PRT103503	96%	66.5%	100%
ECO103479	PSY107047	24%	97.7%	95.9%
ECO103479	PSY109085	24%	97.7%	71.3%
ECO103479	PSY106353	24%	97.7%	85.9%
ECO103479	PSY101205	24%	97.7%	74.5%
ECO103479	PSY106020	24%	97.7%	95.9%
ECO103479	SAU502782	26%	42.2%	41.5%
ECO103479	SAU500044	28%	68.2%	2.1%
ECO103479	SAU502067	28%	68.2%	2.0%
ECO103479	SAU500005	28%	68.2%	2.0%
ECO103479	SAU500516	27%	65.3%	23.1%
ECO103479	SMU101315	20%	51.4%	19.2%
ECO103479	SMU101317	21%	86.7%	83.1%
ECO103479	SMU101999	21%	86.7%	83.1%
ECO103479	SMU101889	21%	86.7%	83.1%
ECO103479	SMU101940	21%	86.7%	74.9%
ECO103479	SMU101868	21%	86.7%	83.1%
ECO103479	SPN102057	20%	54.3%	65.5%
ECO103479	SPN102327	20%	54.3%	65.5%
ECO103479	SPN103482	20%	54.3%	65.5%
ECO103479	SPN102932	20%	54.3%	65.5%
ECO103479	SPY201024	21%	82.7%	78.4%
ECO103479	SPY200151	21%	82.7%	78.4%
ECO103479	YPS002400	30%	39.3%	98.5%
ECO103479	YPS003294	26%	55.5%	86.5%
ECO103479	YPS003683	27%	94.2%	91.2%
ECO103479	YPS003696	27%	94.2%	91.2%
ECO103479	YPS003677	27%	94.2%	91.2%
ECO103479	YPS003267	27%	94.2%	87.6%
ECO103479	YPS004286	27%	94.2%	91.2%
ECO103479	YPS003702	27%	94.2%	91.2%
ECO103479	YPS003739	27%	94.2%	91.2%
ECO103480	BAN100066	27%	42.0%	46.9%
ECO103480	BAN107672	27%	83.7%	96.8%
ECO103480	BAN101189	27%	92.2%	93.6%
ECO103480	BFR11001	48%	96.1%	98.6%
ECO103480	BPT105636	26%	25.8%	35.3%
ECO103480	BPT101318	27%	91.5%	74.5%
ECO103480	BCE103148	53%	15.2%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103480	BCE109512	51%	23.3%	100%
ECO103480	BCE106326	57%	29.3%	95.4%
ECO103480	BCE101065	59%	27.2%	93.9%
ECO103480	BCE104439	57%	29.3%	95.4%
ECO103480	BCE102008	56%	39.2%	98.2%
ECO103480	BCE101347	57%	38.5%	96.5%
ECO103480	BCE112720	55%	42.4%	95.2%
ECO103480	BCE112765	55%	42.4%	96%
ECO103480	BCE113320	53%	68.6%	69.8%
ECO103480	BCE104962	56%	91.9%	98.9%
ECO103480	BCE114240	56%	96.8%	98.6%
ECO103480	BCE104151	57%	96.8%	98.6%
ECO103480	BFU100183	43%	16.3%	86.8%
ECO103480	BFU100232	53%	96.5%	98.9%
ECO103480	BMA107808	50%	47.0%	97.1%
ECO103480	CDP101289	48%	24.0%	91.9%
ECO103480	CDP101898	53%	25.1%	95.9%
ECO103480	CDP102491	48%	43.8%	66.5%
ECO103480	CDP101469	46%	67.5%	94.1%
ECO103480	CDP101278	47%	67.5%	94.1%
ECO103480	CDP101146	47%	67.5%	94.1%
ECO103480	CDP100854	46%	69.3%	96.6%
ECO103480	CDP100589	43%	92.9%	98.1%
ECO103480	CDP101134	45%	92.9%	97.4%
ECO103480	EBC104413	93%	32.5%	100%
ECO103480	EBC104468	94%	100%	100%
ECO103480	EFA200869	41%	89.4%	99.6%
ECO103480	EFM202052	57%	66.1%	99.5%
ECO103480	EFM201053	55%	92.9%	98.1%
ECO103480	EFM201924	55%	92.9%	98.1%
ECO103480	EFM200512	53%	98.2%	100%
ECO103480	ECO103480	100%	100%	100%
ECO103480	HIN101249	53%	27.6%	84.6%
ECO103480	HIN100472	53%	26.9%	64.4%
ECO103480	HIN101686	56%	74.2%	96.8%
ECO103480	KPN306758	68%	41.7%	95.9%
ECO103480	KPN303368	68%	64.7%	92.9%
ECO103480	KPN308870	65%	89.8%	97.3%
ECO103480	KPN306624	62%	97.2%	97.9%
ECO103480	LMO102606	33%	97.2%	96.4%
ECO103480	LMO100732	33%	97.2%	98.9%
ECO103480	MBV104142	27%	92.2%	91.8%
ECO103480	MTU202443	27%	92.2%	78.0%
ECO103480	MTU200790	27%	92.2%	86.5%
ECO103480	MTU201352	27%	92.2%	91.8%
ECO103480	MTU201734	27%	92.2%	91.8%
ECO103480	MTU201742	27%	92.2%	91.8%
ECO103480	MTU202073	27%	92.2%	86.5%
ECO103480	MTU202133	27%	92.2%	78.0%
ECO103480	MTU202245	27%	92.2%	86.5%
ECO103480	MTU203144	27%	92.2%	86.5%
ECO103480	MTU203335	27%	92.2%	91.8%
ECO103480	MTU202612	27%	92.2%	82.3%
ECO103480	MTU202776	27%	92.2%	86.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103480	MTU203142	27%	92.2%	86.5%
ECO103480	MTU203428	27%	92.2%	78.0%
ECO103480	MTU203283	27%	92.2%	86.5%
ECO103480	MTU202320	27%	92.2%	86.5%
ECO103480	NGO101257	54%	91.9%	97.4%
ECO103480	NGO101209	54%	92.9%	96.3%
ECO103480	NME201142	42%	92.9%	96.0%
ECO103480	PRT105818	98%	28.6%	98.8%
ECO103480	PSY102003	58%	96.1%	97.5%
ECO103480	SPA102022	62%	49.5%	100%
ECO103480	SAU801804	29%	64.0%	95.2%
ECO103480	SEP200536	36%	89.8%	98.4%
ECO103480	SMU100679	50%	95.1%	98.2%
ECO103480	SMU102069	51%	95.1%	98.2%
ECO103480	SMU102045	51%	95.1%	98.2%
ECO103480	SMU101759	51%	95.1%	98.2%
ECO103480	SMU101315	51%	95.1%	58.3%
ECO103480	SMU102094	51%	95.1%	98.2%
ECO103480	SPN400754	51%	55.5%	98.8%
ECO103480	SPN401338	50%	55.5%	98.8%
ECO103480	SPN401445	50%	55.5%	98.8%
ECO103480	SPN400496	54%	38.5%	85.3%
ECO103480	SPN400885	51%	27.9%	100%
ECO103480	SPN400352	50%	20.5%	98.4%
ECO103480	SPN400495	44%	12.0%	97.1%
ECO103480	SPY201025	47%	93.3%	99.3%
ECO103480	SPY200150	47%	93.3%	99.3%
ECO103480	UUR100374	28%	66.8%	92.8%
ECO103480	YPS003775	48%	89.8%	97.7%
ECO103480	YPS003983	48%	89.8%	97.7%
ECO103480	YPS003822	48%	89.8%	97.7%
ECO103480	YPS003777	48%	89.8%	97.7%
ECO103480	YPS004197	48%	89.8%	97.7%
ECO103480	YPS003268	48%	89.8%	97.7%
ECO103480	YPS003297	48%	89.8%	97.7%
ECO103480	YPS003731	48%	89.8%	97.7%
ECO103481	ABA103575	48%	100%	99.9%
ECO103481	BCE113806	46%	71.7%	98.0%
ECO103481	BFU101557	43%	99.6%	99.0%
ECO103481	BMA100998	44%	99.3%	100%
ECO103481	CJU101159	31%	99.9%	99.7%
ECO103481	CDF104028	36%	98.7%	98.5%
ECO103481	EBC104561	93%	99.9%	100%
ECO103481	EFA200400	35%	99.4%	69.7%
ECO103481	EFM200195	36%	97.1%	68.8%
ECO103481	ECO103481	100%	100%	100%
ECO103481	HIN100903	69%	100%	100%
ECO103481	HPY100956	29%	99.4%	99.3%
ECO103481	KPN303050	92%	100%	100%
ECO103481	LPN102108	44%	75.9%	97.4%
ECO103481	LMO101909	33%	99.0%	98.8%
ECO103481	MCA101554	47%	99.4%	99.6%
ECO103481	NGO101359	45%	99.9%	99.7%
ECO103481	NME200487	45%	99.9%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103481	PMU101102	69%	100%	100%
ECO103481	PRT101496	79%	100%	100%
ECO103481	PAE200008	51%	99.9%	99.9%
ECO103481	PPU102205	50%	99.9%	99.9%
ECO103481	PSY107524	50%	99.9%	99.9%
ECO103481	SPA102021	89%	72.9%	100%
ECO103481	STY100713	94%	100%	100%
ECO103481	SPN401327	35%	97.5%	97.3%
ECO103481	SPY201298	35%	97.5%	97.3%
ECO103481	VCH100020	68%	99.6%	99.6%
ECO103481	YPS003356	85%	100%	100%
ECO103482	ABA105776	76%	96.0%	88.9%
ECO103482	BPT101206	74%	96.0%	28.7%
ECO103482	BCE104446	71%	96.0%	88.9%
ECO103482	BFU105313	70%	96.0%	87.1%
ECO103482	BMA109515	72%	96.0%	75.8%
ECO103482	CJU100654	66%	92.4%	96.9%
ECO103482	CPN200896	54%	96.0%	28.2%
ECO103482	CTR200173	55%	96.0%	28.4%
ECO103482	CDF102122	63%	95.7%	97.3%
ECO103482	EBC104560	97%	100%	100%
ECO103482	EFA104079	62%	97.7%	96.0%
ECO103482	EFM101836	71%	59.7%	94.8%
ECO103482	ECO103482	100%	100%	100%
ECO103482	HIN100906	90%	98.7%	99.0%
ECO103482	HPY100944	60%	93.7%	93.1%
ECO103482	KPN305504	98%	100%	100%
ECO103482	LMO101725	61%	96.7%	97.0%
ECO103482	MCA102165	74%	99.0%	93.7%
ECO103482	NGO101356	72%	97.0%	99.3%
ECO103482	NME200485	73%	96.0%	97.3%
ECO103482	PMU101098	91%	98.7%	99.7%
ECO103482	PRT101495	94%	99.3%	100%
ECO103482	PAE200009	76%	97.7%	93.3%
ECO103482	PPU103628	76%	97.7%	93.3%
ECO103482	PSY103530	76%	97.7%	82.8%
ECO103482	SPA100735	98%	100%	100%
ECO103482	STY100712	98%	100%	100%
ECO103482	SMU101427	60%	97.0%	29.8%
ECO103482	SPN401328	61%	97.4%	94.8%
ECO103482	SPY201299	62%	97.0%	94.4%
ECO103482	VCH100021	88%	100%	91.8%
ECO103482	YPS003357	93%	100%	99.7%
ECO103483	BAN104874	25%	42.9%	70%
ECO103483	BAN103246	27%	97.0%	97.1%
ECO103483	BFR102685	31%	27.2%	30.9%
ECO103483	BFR101730	20%	85.2%	85.1%
ECO103483	BFR101210	23%	84.9%	85.4%
ECO103483	BPT101994	22%	95.5%	94.6%
ECO103483	BFU100798	25%	35.0%	31.6%
ECO103483	BMA103871	20%	93.4%	90.4%
ECO103483	CBO103448	20%	94.6%	99.7%
ECO103483	EBC106435	81%	100%	100%
ECO103483	ECO103483	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103483	KPN301174	65%	43.5%	100%
ECO103483	KPN303040	71%	100%	100%
ECO103483	LMO100418	24%	22.4%	29.2%
ECO103483	MAV100271	30%	17.8%	13.7%
ECO103483	PPU103844	23%	60.7%	68.6%
ECO103483	PSY101101	20%	53.2%	46.7%
ECO103483	SPA100737	81%	100%	100%
ECO103483	STM103799	81%	100%	100%
ECO103483	SEP100270	23%	84.0%	80.3%
ECO103483	SMU101666	25%	95.8%	87.4%
ECO103483	VCH102759	23%	85.2%	83.5%
ECO103483	YPS003266	58%	100%	100%
ECO103487	BFR10693	48%	94.3%	99.5%
ECO103487	BCE111113	66%	99.1%	82.7%
ECO103487	BFU102389	67%	99.1%	99.1%
ECO103487	CDF101665	49%	99.8%	96.5%
ECO103487	EBC104589	91%	100%	95.4%
ECO103487	EFA201077	48%	98.9%	99.5%
ECO103487	EFM101257	46%	98.6%	99.3%
ECO103487	ECO103487	100%	100%	100%
ECO103487	HIN101085	71%	99.5%	99.8%
ECO103487	KPN302422	83%	99.5%	99.8%
ECO103487	KPN301170	90%	100%	100%
ECO103487	PRT101394	81%	99.1%	99.5%
ECO103487	PSY102073	68%	99.1%	99.5%
ECO103487	SPA103028	89%	98.6%	100%
ECO103487	STY100698	92%	100%	100%
ECO103487	YPS002755	85%	99.5%	99.8%
ECO103488	BCE111238	65%	79.7%	79.8%
ECO103488	BFU102365	60%	97.3%	99.1%
ECO103488	EBC104587	90%	100%	100%
ECO103488	EFM202335	36%	99.7%	97.8%
ECO103488	ECO103488	100%	100%	100%
ECO103488	HIN101084	75%	99.4%	99.1%
ECO103488	KPN305781	90%	87.9%	100%
ECO103488	NME300340	23%	29.4%	20.6%
ECO103488	PSY102056	59%	99.4%	94.5%
ECO103488	YPS002753	82%	100%	99.7%
ECO103494	EBC104573	93%	95.0%	99.2%
ECO103494	ECO103494	100%	100%	100%
ECO103494	KPN300323	91%	40.3%	96%
ECO103494	KPN308799	90%	99.5%	99.3%
ECO103494	MCA101391	43%	99.0%	99.5%
ECO103494	NGO101874	46%	99.0%	99.3%
ECO103494	NME200590	47%	99.0%	99.3%
ECO103494	PRT101493	73%	98.8%	99.5%
ECO103494	SPA103032	91%	99.5%	100%
ECO103494	STY100694	92%	99.5%	99.8%
ECO103494	STM103821	92%	99.5%	99.8%
ECO103494	VCH100019	62%	100%	99.8%
ECO103494	YPS003375	79%	99.8%	98.8%
ECO103506	BCE104022	22%	47.2%	35%
ECO103506	EBC104569	56%	100%	100%
ECO103506	ECO103506	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103506	PMU100998	21%	91.1%	85.0%
ECO103506	PPU107094	24%	26.4%	12.4%
ECO103506	PSY105244	31%	95.5%	93.4%
ECO103510	ABA100619	66%	92.8%	99.4%
ECO103510	BPT103076	69%	90.6%	92.8%
ECO103510	BCE103462	69%	90.6%	96.7%
ECO103510	BFU107758	70%	90.2%	96.6%
ECO103510	BFU102740	71%	90.6%	97.0%
ECO103510	BMA106098	72%	90.6%	86.6%
ECO103510	CDP101458	64%	92.4%	98.8%
ECO103510	EBC104578	93%	98.5%	100%
ECO103510	EFA201951	48%	90.0%	97.4%
ECO103510	ECO103510	100%	100%	100%
ECO103510	KPN305829	65%	92.4%	99.0%
ECO103510	MCA101417	66%	91.1%	97.6%
ECO103510	MAV101769	67%	92.6%	99.0%
ECO103510	MBV105125	66%	92.6%	99.0%
ECO103510	MTU200456	66%	92.6%	99.0%
ECO103510	PRT105557	48%	93.0%	99.2%
ECO103510	PAE201982	66%	92.4%	99.0%
ECO103510	PAE204019	67%	92.4%	99.0%
ECO103510	PPU108163	67%	92.4%	99.0%
ECO103510	PSY105710	64%	92.4%	99.0%
ECO103510	SPA101536	88%	83.2%	98.9%
ECO103510	STY100416	95%	94.5%	100%
ECO103510	SAU800167	43%	90.0%	97.6%
ECO103510	SEP201069	43%	90.0%	97.4%
ECO103510	SHA101810	43%	90.8%	98.2%
ECO103510	VCH100804	63%	90.0%	90.2%
ECO103510	VCH101789	64%	92.6%	99.2%
ECO103514	ABA100615	35%	44.6%	39.0%
ECO103514	BPT102214	40%	100%	100%
ECO103514	BCE110352	37%	98.5%	98.5%
ECO103514	BFU103486	39%	98.5%	97.6%
ECO103514	BMA102102	35%	98.5%	99.5%
ECO103514	EBC104570	79%	100%	100%
ECO103514	ECO103514	100%	100%	100%
ECO103514	KPN303410	69%	99.5%	99.5%
ECO103514	PMU101100	30%	99.5%	100%
ECO103514	PAE200466	33%	93.6%	93.2%
ECO103514	PPU107390	34%	98.5%	97.6%
ECO103514	PSY102773	29%	99.0%	97.1%
ECO103514	SPA103113	60%	89.1%	99.4%
ECO103514	STY100410	87%	100%	100%
ECO103515	ABA100225	26%	68.3%	56.4%
ECO103515	ABA100477	27%	24.4%	97.4%
ECO103515	BAN104847	19%	21.9%	3.7%
ECO103515	BAN109223	32%	5.6%	34.8%
ECO103515	BAN101440	31%	6.0%	31.7%
ECO103515	BAN110288	24%	23.3%	18.6%
ECO103515	BFR104422	62%	2.0%	27%
ECO103515	BCE108121	25%	30.8%	70.0%
ECO103515	BCE104951	26%	28.1%	38.7%
ECO103515	BFU107935	28%	24.3%	41.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103515	BFU100092	47%	6.4%	98.9%
ECO103515	BFU100109	27%	14.5%	55.1%
ECO103515	BFU102581	29%	10.2%	4.6%
ECO103515	BMA107682	25%	50.8%	25.9%
ECO103515	CAC100404	31%	6.3%	31.2%
ECO103515	EBC107494	28%	7.6%	75%
ECO103515	EBC103412	28%	12.6%	35.0%
ECO103515	EBC104888	27%	25.3%	62.3%
ECO103515	ECO100686	96%	23.6%	68.1%
ECO103515	ECO101427	77%	38.0%	77.7%
ECO103515	ECO100488	77%	90.6%	88.2%
ECO103515	ECO100683	96%	91.2%	89.9%
ECO103515	ECO103405	98%	90.8%	88.6%
ECO103515	ECO103515	100%	100%	100%
ECO103515	PRT103688	31%	7.6%	73.6%
ECO103515	PRT103361	34%	8.2%	78.0%
ECO103515	PRT103421	25%	56.2%	65.1%
ECO103515	PAE202682	33%	90.6%	88.7%
ECO103515	PPU107712	33%	7.8%	93.1%
ECO103515	PPU110484	27%	26.0%	83.0%
ECO103515	PPU109654	25%	2.8%	84.4%
ECO103515	PPU107101	42%	4.0%	5.5%
ECO103515	PPU109653	28%	42.6%	95.3%
ECO103515	PPU109652	26%	56.6%	54.6%
ECO103515	PPU110482	26%	11.3%	5.4%
ECO103515	PSY108533	34%	5.1%	83.6%
ECO103515	PSY101322	59%	4.3%	24.3%
ECO103515	PSY105816	47%	7.4%	45.3%
ECO103515	PSY102083	25%	13.9%	11.8%
ECO103515	SPA106438	43%	6.2%	5.5%
ECO103515	SPA100247	28%	54.6%	67.7%
ECO103515	STY104094	26%	51.3%	33.3%
ECO103515	STY104095	30%	24.7%	74.9%
ECO103515	STM103807	43%	8.0%	45.5%
ECO103515	STM103806	26%	51.3%	33.1%
ECO103515	YPS002860	25%	87.5%	75.9%
ECO103523	EBC103810	88%	100%	100%
ECO103523	ECO103523	100%	100%	100%
ECO103523	KPN303392	84%	100%	98.5%
ECO103523	PMU101063	35%	81.5%	94.8%
ECO103523	SPA103110	91%	97.9%	100%
ECO103523	STY100404	92%	97.9%	97.4%
ECO103523	STM104139	92%	97.9%	97.4%
ECO103523	VCH103763	43%	91.3%	96.4%
ECO103523	YPS003321	77%	87.2%	94.0%
ECO103527	ABA104933	86%	96.7%	100%
ECO103527	BAN109344	30%	21.0%	24.4%
ECO103527	BAN107706	33%	21.0%	23.8%
ECO103527	BPT100117	46%	94.9%	97.2%
ECO103527	BBU100683	26%	32.8%	41.4%
ECO103527	BCE101035	37%	94.2%	84.3%
ECO103527	BFU108951	43%	98.5%	90.7%
ECO103527	BMA102489	42%	94.7%	98.7%
ECO103527	CBO101704	51%	31.8%	37.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103527	CDF103639	42%	35.9%	26.2%
ECO103527	EBC103192	94%	95.7%	100%
ECO103527	EFA200385	25%	43.2%	52.2%
ECO103527	EFM200941	31%	86.9%	87.7%
ECO103527	ECO103527	100%	100%	100%
ECO103527	HIN101704	75%	94.9%	98.7%
ECO103527	KPN305761	93%	95.2%	95.7%
ECO103527	LMO101142	32%	24.5%	27.1%
ECO103527	MCA101122	42%	96.7%	96.0%
ECO103527	MAV103878	37%	93.4%	67.6%
ECO103527	MBV102018	37%	93.4%	90.1%
ECO103527	MLP101240	37%	93.4%	88.2%
ECO103527	MTU201839	37%	93.4%	88.2%
ECO103527	NGO101059	43%	92.9%	94.4%
ECO103527	NME201451	43%	92.9%	94.4%
ECO103527	PMU100288	43%	94.9%	96.9%
ECO103527	PRT105377	34%	88.1%	83.4%
ECO103527	PAE204767	86%	96.0%	99.7%
ECO103527	PPU108584	84%	96.0%	99.7%
ECO103527	SPA100379	93%	67.4%	100%
ECO103527	STY100378	93%	100%	100%
ECO103527	STM104153	94%	100%	100%
ECO103527	SAU802346	24%	41.2%	49.3%
ECO103527	SEP200052	23%	41.2%	49.3%
ECO103527	SEP200853	23%	41.2%	49.3%
ECO103527	SHA102078	24%	43.2%	51.6%
ECO103527	SMU100940	20%	53.8%	71.3%
ECO103527	SPN400627	30%	91.7%	88.9%
ECO103527	SPY200298	31%	91.7%	85.1%
ECO103527	TPA100288	33%	30.3%	41.6%
ECO103527	VCH103702	79%	95.2%	99.7%
ECO103527	YPS003024	83%	94.7%	98.4%
ECO103528	ABA105744	53%	95.5%	97.5%
ECO103528	BAN111603	46%	96.2%	94.4%
ECO103528	BAN100700	46%	96.2%	94.4%
ECO103528	BPT100876	51%	98.1%	90.7%
ECO103528	BCE100810	57%	96.8%	98.7%
ECO103528	BFU114284	57%	96.8%	98.7%
ECO103528	BMA108062	56%	96.8%	98.7%
ECO103528	CJU100835	43%	93.6%	95.5%
ECO103528	CPN200085	37%	93.0%	92.9%
ECO103528	CTR200816	40%	93.0%	96.0%
ECO103528	CAC101314	46%	95.5%	93.8%
ECO103528	CBO101580	48%	95.5%	93.8%
ECO103528	CDF102268	49%	95.5%	96.8%
ECO103528	CDP101138	50%	96.8%	97.4%
ECO103528	EBC103195	92%	99.4%	99.4%
ECO103528	EFA200904	47%	97.5%	92.3%
ECO103528	EFM101106	44%	98.7%	94.0%
ECO103528	ECO103528	100%	100%	100%
ECO103528	HIN100746	76%	98.1%	96.2%
ECO103528	KPN303405	91%	99.4%	99.4%
ECO103528	LPN101992	52%	95.5%	98.7%
ECO103528	LMO102766	42%	98.7%	92.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103528	MCA101505	45%	98.1%	89.5%
ECO103528	MAV100739	47%	97.5%	99.4%
ECO103528	MBV100056	49%	98.1%	100%
ECO103528	MLP100266	51%	98.1%	97.5%
ECO103528	MTU203321	49%	98.1%	100%
ECO103528	MGE100355	40%	95.5%	92.8%
ECO103528	MPN100321	38%	94.9%	92.2%
ECO103528	NGO100616	63%	98.1%	100%
ECO103528	NME202053	62%	98.1%	100%
ECO103528	PMU101513	74%	98.1%	97.5%
ECO103528	PRT105528	75%	100%	100%
ECO103528	PAE205122	60%	95.5%	98.0%
ECO103528	PPU102022	59%	97.5%	100%
ECO103528	PSY103965	58%	95.5%	99.3%
ECO103528	SPA102933	78%	95.5%	100%
ECO103528	STY100375	94%	99.4%	99.4%
ECO103528	STM104165	94%	99.4%	99.4%
ECO103528	SAU801855	47%	95.5%	96.8%
ECO103528	SEP200039	44%	94.9%	96.2%
ECO103528	SHA100689	45%	95.5%	96.8%
ECO103528	SMU100459	41%	97.5%	84.6%
ECO103528	SPN400432	41%	97.5%	85.6%
ECO103528	SPY200270	42%	98.1%	85.2%
ECO103528	UUR100270	36%	93.6%	90.7%
ECO103528	VCH102658	61%	97.5%	99.4%
ECO103528	YPS001568	80%	100%	100%
ECO103532	ABA103075	51%	97.6%	96.5%
ECO103532	BAN113633	24%	69.9%	47.5%
ECO103532	BAN111729	26%	78.3%	83.3%
ECO103532	BPT100884	55%	98.8%	96.5%
ECO103532	BCE111871	43%	54.2%	97.9%
ECO103532	BFU102721	53%	100%	96.6%
ECO103532	BMA104651	47%	100%	97.7%
ECO103532	CAC103641	32%	77.1%	84.2%
ECO103532	CBO100935	41%	74.7%	82.7%
ECO103532	EBC103201	91%	98.8%	98.8%
ECO103532	ECO103532	100%	100%	100%
ECO103532	HIN100551	52%	80.7%	27.4%
ECO103532	KPN303391	86%	100%	100%
ECO103532	LPN103574	57%	100%	98.8%
ECO103532	LMO102441	32%	69.9%	65.9%
ECO103532	MCA101632	51%	98.8%	92.3%
ECO103532	MAV105267	32%	66.3%	66.7%
ECO103532	MBV103242	33%	66.3%	66.7%
ECO103532	MTU303412	33%	66.3%	66.7%
ECO103532	NGO101743	46%	98.8%	97.6%
ECO103532	NME200622	46%	98.8%	97.6%
ECO103532	PMU101347	41%	80.7%	27.4%
ECO103532	PAE205124	56%	98.8%	97.6%
ECO103532	PPU111081	50%	98.8%	97.6%
ECO103532	PPU102025	56%	98.8%	97.6%
ECO103532	PSY103987	56%	98.8%	98.8%
ECO103532	SPA102936	89%	100%	100%
ECO103532	STY100347	89%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103532	SEP200786	39%	49.4%	52.6%
ECO103532	SHA102895	32%	90.4%	93.5%
ECO103532	VCH102600	50%	80.7%	26.7%
ECO103532	YPS001530	78%	98.8%	100%
ECO103533	ABA102523	32%	100%	97.8%
ECO103533	BAN106269	27%	85.3%	96.9%
ECO103533	BPT100886	35%	68.5%	67.9%
ECO103533	BCE105965	39%	71.3%	72.1%
ECO103533	BFU102720	39%	71.3%	71.6%
ECO103533	BMA104409	36%	71.3%	74.8%
ECO103533	CDF103903	32%	55.9%	79.8%
ECO103533	EBC103202	83%	100%	100%
ECO103533	EFA200318	34%	85.3%	95.5%
ECO103533	ECO103533	100%	100%	100%
ECO103533	HIN100724	49%	98.6%	98.0%
ECO103533	KPN303388	86%	100%	100%
ECO103533	LPN101562	30%	100%	100%
ECO103533	LMO100345	28%	86.0%	93.7%
ECO103533	MCA103138	31%	97.9%	96.4%
ECO103533	MBV102118	30%	84.6%	52.7%
ECO103533	MTU200323	30%	84.6%	52.7%
ECO103533	PMU101433	49%	94.4%	92.5%
ECO103533	PRT105992	63%	100%	98.6%
ECO103533	PAE205125	34%	98.6%	97.8%
ECO103533	PPU112071	37%	96.5%	97.1%
ECO103533	PSY103984	35%	96.5%	97.1%
ECO103533	SPA102935	90%	100%	100%
ECO103533	STY100345	93%	100%	100%
ECO103533	SAU801534	30%	86.0%	89.1%
ECO103533	SEP200938	30%	57.3%	61.7%
ECO103533	SHA100982	26%	86.0%	92.2%
ECO103533	SMU100073	33%	83.9%	91.5%
ECO103533	SPN400595	28%	83.9%	96.0%
ECO103533	SPY201177	32%	86.7%	94.6%
ECO103533	VCH102617	48%	100%	99.3%
ECO103533	YPS001525	65%	100%	99.3%
ECO103536	BAN110223	31%	60.3%	85.4%
ECO103536	BBU100769	35%	57.8%	54.6%
ECO103536	CJU100594	37%	52.3%	40.3%
ECO103536	EBC103198	80%	96.0%	87.8%
ECO103536	ECO103536	100%	100%	100%
ECO103536	HIN100735	43%	74.0%	87.4%
ECO103536	KPN303397	81%	94.9%	85.1%
ECO103536	PMU101508	39%	80.9%	81.4%
ECO103536	PRT104883	57%	84.1%	71.3%
ECO103536	PAE205130	36%	71.5%	75.9%
ECO103536	PPU102030	40%	65.7%	69.8%
ECO103536	PSY103972	41%	63.9%	66.5%
ECO103536	SPA100812	80%	93.1%	100%
ECO103536	STY100339	81%	99.6%	85.9%
ECO103536	STM104200	81%	99.6%	85.9%
ECO103543	BPT101420	48%	88.7%	88.1%
ECO103543	BCE100302	35%	90.0%	82.7%
ECO103543	BFU110339	40%	92.5%	91.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103543	BMA100507	38%	92.5%	85.9%
ECO103543	CJU101059	26%	88.4%	84.5%
ECO103543	EBC101072	78%	99.1%	96.6%
ECO103543	ECO103543	100%	100%	100%
ECO103543	HPY100275	29%	88.4%	85.3%
ECO103543	KPN303383	85%	93.4%	92.3%
ECO103543	MBV100073	28%	23.2%	19.8%
ECO103543	MTU202125	28%	23.2%	19.8%
ECO103543	NGO100727	40%	89.0%	87.9%
ECO103543	NME200227	40%	89.0%	87.9%
ECO103543	PMU101843	53%	100%	98.1%
ECO103543	PRT105756	70%	98.7%	98.7%
ECO103543	PAE205006	55%	92.5%	82.8%
ECO103543	PPU107407	56%	92.5%	83.0%
ECO103543	PSY103596	54%	92.5%	82.8%
ECO103543	SPA104078	80%	99.1%	100%
ECO103543	STY104626	84%	99.1%	99.7%
ECO103543	STM104218	84%	99.1%	99.7%
ECO103543	YPS001475	68%	100%	99.4%
ECO103544	ABA103180	19%	28.9%	24.9%
ECO103544	BAN108790	21%	43.2%	69.8%
ECO103544	BPT104383	24%	49.4%	52.8%
ECO103544	BBU100325	28%	16.0%	7.4%
ECO103544	CDF104322	21%	49.6%	89.5%
ECO103544	EBC103424	28%	91.6%	96.5%
ECO103544	EFM102321	21%	52.7%	66.6%
ECO103544	ECO103544	100%	100%	100%
ECO103544	HIN100855	24%	64.0%	68.2%
ECO103544	HPY101022	22%	91.9%	87.4%
ECO103544	LPN102235	24%	31.5%	30.7%
ECO103544	PMU101863	25%	41.8%	70.0%
ECO103544	SEP201692	23%	44.2%	25.8%
ECO103544	SMU100130	20%	41.3%	27.7%
ECO103544	VCH100235	23%	56.6%	58.9%
ECO103557	ABA100518	45%	99.6%	97.1%
ECO103557	BAN104773	39%	99.6%	98.9%
ECO103557	BPT100625	50%	100%	97.5%
ECO103557	BCE115174	48%	100%	100%
ECO103557	BFU103412	45%	92.9%	99.2%
ECO103557	BMA101577	48%	100%	100%
ECO103557	CDP101174	34%	99.6%	99.0%
ECO103557	EBC103421	92%	100%	100%
ECO103557	EFA200419	42%	100%	97.5%
ECO103557	EFM202622	41%	100%	98.2%
ECO103557	ECO103557	100%	100%	100%
ECO103557	HIN100925	57%	100%	99.3%
ECO103557	KPN301574	91%	100%	100%
ECO103557	LPN103244	62%	13.8%	88.1%
ECO103557	LPN100873	51%	99.6%	98.5%
ECO103557	LMO102025	37%	100%	100%
ECO103557	MCA103356	46%	99.6%	96.0%
ECO103557	MAV106664	33%	99.6%	98.2%
ECO103557	MBV100840	33%	99.6%	98.3%
ECO103557	MLP101011	34%	99.6%	98.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103557	MTU202886	33%	99.6%	98.3%
ECO103557	MGE100268	29%	100%	96.1%
ECO103557	MPN100457	29%	99.6%	98.9%
ECO103557	NGO100260	53%	100%	100%
ECO103557	NME201370	53%	100%	100%
ECO103557	PMU101145	57%	100%	99.6%
ECO103557	PRT102120	71%	99.6%	97.8%
ECO103557	PAE200356	54%	100%	100%
ECO103557	PPU102181	57%	100%	100%
ECO103557	PSY102749	56%	100%	100%
ECO103557	SPA100823	92%	100%	100%
ECO103557	STY104574	94%	100%	100%
ECO103557	SAU801689	35%	100%	100%
ECO103557	SEP201682	33%	100%	100%
ECO103557	SHA100371	34%	100%	100%
ECO103557	SMU101121	39%	100%	99.6%
ECO103557	SPN400872	36%	100%	99.3%
ECO103557	SPY200353	37%	100%	98.9%
ECO103557	UUR100417	35%	99.6%	99.6%
ECO103557	VCH100219	61%	99.6%	99.6%
ECO103557	YPS001456	79%	99.6%	99.6%
ECO103558	ABA102882	80%	92.7%	100%
ECO103558	BAN104482	32%	89.1%	100%
ECO103558	BAN113487	34%	89.1%	100%
ECO103558	BFR105168	45%	60%	53.2%
ECO103558	BPT106501	76%	100%	100%
ECO103558	BBU100395	50%	96.4%	89.8%
ECO103558	BCE102651	76%	100%	100%
ECO103558	BFU101229	78%	100%	100%
ECO103558	BMA107218	76%	100%	100%
ECO103558	CJU100436	48%	63.6%	67.3%
ECO103558	CPN200501	52%	96.4%	100%
ECO103558	CTR200421	52%	96.4%	100%
ECO103558	CAC102363	36%	89.1%	100%
ECO103558	CBO103373	34%	89.1%	100%
ECO103558	CDF104289	34%	89.1%	90.7%
ECO103558	CDP102895	57%	89.1%	90.7%
ECO103558	EBC103420	98%	100%	100%
ECO103558	EFA203027	40%	89.1%	100%
ECO103558	EFA202465	42%	89.1%	100%
ECO103558	ECO103558	100%	100%	100%
ECO103558	HIN100930	81%	98.2%	96.4%
ECO103558	HPY101187	57%	63.6%	67.3%
ECO103558	KPN301576	96%	100%	100%
ECO103558	LPN100153	58%	87.3%	88.9%
ECO103558	LMO102322	51%	60%	67.3%
ECO103558	MCA101228	76%	92.7%	100%
ECO103558	MAV102810	53%	89.1%	90.7%
ECO103558	MBV100100	51%	89.1%	90.7%
ECO103558	MLP101160	32%	89.1%	89.1%
ECO103558	MTU202024	51%	89.1%	90.7%
ECO103558	MGE100333	48%	63.6%	66.0%
ECO103558	MPN100370	48%	63.6%	66.0%
ECO103558	NGO101641	76%	92.7%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103558	NME202002	78%	92.7%	100%
ECO103558	PMU101150	81%	98.2%	96.4%
ECO103558	PRT104931	94%	100%	100%
ECO103558	PAE205310	86%	92.7%	100%
ECO103558	PPU101949	78%	92.7%	100%
ECO103558	PSY107951	80%	92.7%	100%
ECO103558	SPA100824	100%	100%	100%
ECO103558	STY104571	100%	100%	100%
ECO103558	SAU801335	45%	60%	67.3%
ECO103558	SEP204223	36%	89.1%	94.2%
ECO103558	SHA100035	45%	60%	67.3%
ECO103558	SMU101280	42%	89.1%	100%
ECO103558	SPN401941	40%	89.1%	100%
ECO103558	SPY201651	40%	89.1%	100%
ECO103558	TPA100231	44%	100%	100%
ECO103558	UUR100539	33%	92.7%	96.2%
ECO103558	VCH100217	83%	100%	100%
ECO103558	YPS001453	96%	100%	100%
ECO103559	ABA103779	74%	98.7%	98.7%
ECO103559	BAN102385	42%	73.1%	88.7%
ECO103559	BFR100362	41%	96.2%	87.2%
ECO103559	BPT102361	75%	97.4%	97.4%
ECO103559	BBU100349	34%	87.2%	88.0%
ECO103559	BCE112085	73%	97.4%	98.7%
ECO103559	BFU101231	72%	97.4%	98.7%
ECO103559	BMA105211	73%	97.4%	98.7%
ECO103559	CJU100415	50%	79.5%	95.3%
ECO103559	CPN200424	36%	94.9%	97.8%
ECO103559	CTR200355	35%	96.2%	98.9%
ECO103559	CAC102140	33%	73.1%	87.3%
ECO103559	CBO103664	45%	42.3%	52.4%
ECO103559	CDF103637	38%	60.3%	75.8%
ECO103559	CDP102158	50%	98.7%	88.5%
ECO103559	EBC103419	96%	84.6%	100%
ECO103559	EFA201573	41%	67.9%	85.5%
ECO103559	EFM101167	43%	67.9%	85.5%
ECO103559	ECO103559	100%	100%	100%
ECO103559	HIN100931	85%	98.7%	98.7%
ECO103559	HPY100486	39%	78.2%	96.8%
ECO103559	KPN301578	100%	100%	100%
ECO103559	LPN101298	70%	98.7%	98.7%
ECO103559	LMO101238	36%	73.1%	88.7%
ECO103559	MCA101216	77%	98.7%	98.7%
ECO103559	MAV102809	48%	98.7%	87.5%
ECO103559	MBV100101	44%	98.7%	98.7%
ECO103559	MTU202025	45%	98.7%	98.7%
ECO103559	MGE100436	32%	79.5%	95.3%
ECO103559	MPN100218	29%	78.2%	92.3%
ECO103559	NGO101643	73%	97.4%	98.7%
ECO103559	NME202003	73%	97.4%	98.7%
ECO103559	PMU101151	87%	98.7%	98.7%
ECO103559	PRT106105	94%	100%	100%
ECO103559	PAE205311	82%	100%	100%
ECO103559	PPU101950	77%	98.7%	98.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103559	PSY101861	78%	97.4%	98.7%
ECO103559	SPA100825	96%	100%	100%
ECO103559	STY104568	96%	100%	100%
ECO103559	SAU801224	45%	73.1%	88.7%
ECO103559	SEP201507	45%	73.1%	88.7%
ECO103559	SHA100085	49%	73.1%	88.7%
ECO103559	SMU103046	42%	60.3%	75.8%
ECO103559	SPN400398	44%	60.3%	75.8%
ECO103559	SPY201454	46%	60.3%	75.8%
ECO103559	TPA100358	30%	98.7%	98.7%
ECO103559	UUR100210	35%	82.1%	96.9%
ECO103559	VCH100216	84%	97.4%	97.4%
ECO103559	YPS001450	92%	100%	100%
ECO103560	ABA100367	36%	97.8%	93.6%
ECO103560	BAN100808	35%	95.1%	95.9%
ECO103560	BAN105506	36%	95.1%	94.7%
ECO103560	BFR102521	30%	100%	97.8%
ECO103560	BPT100226	37%	94.2%	93.8%
ECO103560	BCE105704	40%	93.3%	100%
ECO103560	BFU101233	42%	95.1%	84.2%
ECO103560	BMA109188	41%	95.5%	77.0%
ECO103560	CAC102810	37%	94.2%	92.1%
ECO103560	CBO103355	34%	99.6%	97.8%
ECO103560	CDF101879	35%	98.2%	93.6%
ECO103560	EBC100201	74%	79.0%	97.8%
ECO103560	EFA200193	34%	95.1%	91.8%
ECO103560	EFM200303	37%	94.6%	92.2%
ECO103560	ECO103560	100%	100%	100%
ECO103560	HIN100932	49%	97.8%	93.6%
ECO103560	KPN300918	72%	96.0%	97.3%
ECO103560	LPN101771	35%	73.2%	100%
ECO103560	LMO101629	36%	94.6%	94.6%
ECO103560	MCA100296	35%	17.9%	14.7%
ECO103560	MAV100309	39%	55.8%	66.7%
ECO103560	NGO101171	36%	99.1%	98.7%
ECO103560	NME201319	35%	99.1%	98.7%
ECO103560	PMU101152	47%	98.2%	98.2%
ECO103560	PRT105105	51%	96.9%	97.3%
ECO103560	PAE205314	43%	100%	100%
ECO103560	PPU102092	44%	95.1%	90.6%
ECO103560	PSY101245	44%	94.2%	94.2%
ECO103560	SPA100826	82%	96.0%	100%
ECO103560	STY104565	83%	96.0%	97.3%
ECO103560	SAU801660	34%	79.5%	96.7%
ECO103560	SEP201625	30%	74.6%	90.8%
ECO103560	SHA100476	34%	99.6%	97.8%
ECO103560	SMU100239	35%	97.3%	96.5%
ECO103560	SPN400996	33%	94.6%	91.8%
ECO103560	SPY200848	34%	97.8%	96.9%
ECO103560	VCH100502	46%	54.5%	77.1%
ECO103560	VCH101757	46%	61.2%	93.7%
ECO103560	VCH100215	49%	100%	100%
ECO103560	YPS001448	58%	95.1%	95.9%
ECO103566	BAN100899	30%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103566	BAN111533	30%	100%	100%
ECO103566	BFR101390	29%	98.3%	99.7%
ECO103566	BPT102657	37%	100%	100%
ECO103566	BBU100817	25%	92.0%	92.4%
ECO103566	BCE113092	36%	100%	91.1%
ECO103566	BFU100495	37%	100%	97.5%
ECO103566	BMA101112	35%	100%	100%
ECO103566	CAC102749	31%	100%	100%
ECO103566	CBO102585	31%	100%	99.0%
ECO103566	CDF100438	28%	100%	100%
ECO103566	CDP100884	22%	54.7%	9.7%
ECO103566	EBC103735	93%	100%	100%
ECO103566	EFA201552	31%	99.7%	100%
ECO103566	EFM200008	31%	99.7%	100%
ECO103566	ECO103566	100%	100%	100%
ECO103566	HIN100447	64%	100%	100%
ECO103566	KPN302244	94%	100%	100%
ECO103566	LPN101981	40%	100%	100%
ECO103566	LMO101342	29%	100%	100%
ECO103566	MCA100329	28%	21.6%	14.5%
ECO103566	NGO101791	39%	99.7%	97.6%
ECO103566	NME200847	39%	99.7%	97.6%
ECO103566	PMU101875	62%	100%	100%
ECO103566	PRT105877	78%	100%	100%
ECO103566	PAE205330	47%	100%	100%
ECO103566	PPU102122	48%	100%	100%
ECO103566	PSY101215	46%	100%	100%
ECO103566	SPA102558	96%	100%	100%
ECO103566	STY104537	96%	100%	100%
ECO103566	STM104320	96%	100%	100%
ECO103566	UUR100124	23%	23.3%	16.8%
ECO103566	VCH100207	64%	100%	100%
ECO103566	YPS001406	87%	100%	100%
ECO103572	BAN100143	38%	99.0%	98.8%
ECO103572	BAN104454	39%	99.0%	98.3%
ECO103572	BFR102852	29%	99.4%	97.7%
ECO103572	BFR11417	35%	99.4%	97.9%
ECO103572	BPT102643	47%	98.7%	92.6%
ECO103572	BBU100197	39%	69.9%	73.0%
ECO103572	BCE109011	45%	99.0%	89.8%
ECO103572	BFU100498	45%	99.0%	90.1%
ECO103572	BMA103413	45%	99.1%	89.9%
ECO103572	CJU101197	33%	89.0%	86.3%
ECO103572	CAC103418	42%	96.6%	96.8%
ECO103572	CBO103842	40%	99.6%	99.9%
ECO103572	CDF100493	38%	99.4%	99.2%
ECO103572	CDP100429	38%	99.1%	96.8%
ECO103572	EBC103734	96%	100%	100%
ECO103572	EFA202207	39%	98.4%	97.8%
ECO103572	EFM201858	40%	98.4%	97.8%
ECO103572	ECO103572	100%	100%	100%
ECO103572	HIN101707	57%	96.2%	99.7%
ECO103572	HPY100762	37%	66.7%	61.9%
ECO103572	KPN302246	94%	56.0%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103572	LPN103344	53%	99.9%	99.4%
ECO103572	LMO101019	40%	99.4%	98.8%
ECO103572	MAV102768	40%	87.0%	91%
ECO103572	MBV101549	39%	99.3%	91.2%
ECO103572	MLP100302	38%	99.3%	91.9%
ECO103572	MTU202546	39%	99.3%	91.5%
ECO103572	MGE100284	26%	85.5%	84.9%
ECO103572	MPN100441	27%	87.2%	84.9%
ECO103572	NGO100434	45%	98.0%	96.5%
ECO103572	NME201768	45%	97.6%	95.0%
ECO103572	PMU100920	67%	100%	99.9%
ECO103572	PRT101439	84%	100%	100%
ECO103572	PAE205333	54%	98.6%	98.6%
ECO103572	PPU102134	55%	99.3%	99.3%
ECO103572	PSY101197	53%	99.3%	99.3%
ECO103572	SPA100195	86%	43.7%	94.8%
ECO103572	STY104500	98%	100%	100%
ECO103572	STM104343	98%	100%	100%
ECO103572	SAU801634	39%	98.0%	97.4%
ECO103572	SEP201583	37%	98.0%	97.4%
ECO103572	SHA101077	41%	85.3%	98.3%
ECO103572	SMU100646	40%	97.7%	97.2%
ECO103572	SPN401486	39%	99.0%	98.4%
ECO103572	SPY201522	39%	99.0%	97.8%
ECO103572	UUR100285	28%	95.4%	95.0%
ECO103572	VCH102672	74%	100%	100%
ECO103572	YPS001397	91%	100%	100%
ECO103580	BFU103431	29%	95.4%	86.2%
ECO103580	EBC101476	75%	43.7%	97.2%
ECO103580	ECO102129	71%	99.0%	98.7%
ECO103580	ECO103580	100%	100%	100%
ECO103580	KPN300529	62%	41.4%	100%
ECO103580	KPN301280	67%	99.5%	99.2%
ECO103580	PSY105004	21%	90.6%	93.6%
ECO103580	SPA101502	70%	97.7%	97.9%
ECO103580	STY104305	70%	99.0%	98.7%
ECO103580	STM104054	69%	99.0%	98.7%
ECO103580	SAU800673	27%	95.2%	94.1%
ECO103580	SEP200718	28%	95.2%	94.5%
ECO103581	ABA105827	22%	93.8%	96.0%
ECO103581	ABA101569	22%	92.5%	94.4%
ECO103581	BAN108534	31%	85.7%	94.1%
ECO103581	BAN111690	33%	92.8%	99.3%
ECO103581	BAN109792	33%	95.1%	95.5%
ECO103581	BAN110325	33%	92.8%	91.3%
ECO103581	BFR11827	27%	62.2%	66.6%
ECO103581	BFR103350	25%	88.9%	91.5%
ECO103581	BPT100758	25%	67.4%	66.5%
ECO103581	CJU100799	31%	91.9%	96.9%
ECO103581	CAC100371	37%	93.2%	93.8%
ECO103581	CBO101320	21%	97.7%	77.4%
ECO103581	CDF101274	21%	98.4%	96.8%
ECO103581	EBC104279	84%	97.1%	91.1%
ECO103581	ECO103581	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103581	HPY101217	25%	92.8%	94.3%
ECO103581	KPN300433	68%	58.3%	100%
ECO103581	KPN309121	83%	97.1%	99.3%
ECO103581	PMU101475	21%	95.1%	100%
ECO103581	SPA104210	88%	80.1%	100%
ECO103581	STY104430	89%	97.1%	99.3%
ECO103581	STM100075	89%	97.1%	99.3%
ECO103581	SAU802534	32%	95.1%	95.8%
ECO103581	SHA103189	24%	45.3%	89.0%
ECO103581	SMU101118	35%	94.8%	95.1%
ECO103581	SPN401301	37%	94.8%	91.5%
ECO103586	BAN109879	23%	85.2%	86.5%
ECO103586	BAN104603	23%	85.2%	84.9%
ECO103586	BFR102459	34%	85.2%	91.9%
ECO103586	BMA103057	27%	17.2%	23.8%
ECO103586	CAC100931	35%	95.9%	99.1%
ECO103586	CBO103491	32%	96.8%	94.5%
ECO103586	CDF101362	35%	83.5%	99.8%
ECO103586	EFA200688	25%	97.1%	97.5%
ECO103586	EFM200238	35%	93.5%	94.5%
ECO103586	ECO103586	100%	100%	100%
ECO103586	KPN301487	30%	23.0%	77.6%
ECO103586	KPN307303	31%	94.0%	90.9%
ECO103586	LMO100028	38%	97.1%	98.8%
ECO103586	PSY105729	38%	14.1%	23.9%
ECO103594	EBC105902	88%	96.7%	100%
ECO103594	EFA202243	24%	85.4%	86.8%
ECO103594	ECO103594	100%	100%	100%
ECO103594	KPN303658	88%	99.5%	100%
ECO103594	LPN103660	22%	93.7%	92.8%
ECO103594	LPN102872	26%	94.9%	96.9%
ECO103594	LPN102441	26%	93.9%	83.1%
ECO103594	LMO101894	24%	96.5%	97.5%
ECO103594	PRT104202	66%	99.5%	100%
ECO103594	SPA102040	87%	99.5%	100%
ECO103594	STY104078	92%	99.5%	100%
ECO103594	STM100428	92%	99.5%	100%
ECO103594	VCH102948	41%	92.7%	89.4%
ECO103598	ECO103598	100%	100%	100%
ECO103604	BFR105024	30%	13.6%	18.5%
ECO103604	CAC101995	59%	80.9%	69.9%
ECO103604	CDF102102	53%	82.4%	70.6%
ECO103604	EBC104389	78%	94.7%	100%
ECO103604	ECO103604	100%	100%	100%
ECO103604	KPN302271	87%	80.9%	68.1%
ECO103604	MTU301399	21%	50.3%	39.1%
ECO103604	SAU802323	55%	80.7%	68.4%
ECO103604	SEP200433	54%	80.7%	69.0%
ECO103604	SHA100792	53%	80.7%	68.6%
ECO103607	BAN108080	27%	61.1%	62.8%
ECO103607	BCE106766	25%	66.0%	68.1%
ECO103607	EBC104380	83%	99.3%	78.1%
ECO103607	ECO103607	100%	100%	100%
ECO103607	KPN302266	86%	98.6%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103607	PRT105273	37%	71.5%	69.1%
ECO103607	SPA101992	88%	98.6%	100%
ECO103607	STY104052	87%	98.6%	100%
ECO103607	STM102790	31%	84.7%	80%
ECO103607	SAU802387	26%	83.3%	86.4%
ECO103607	YPS003399	59%	98.6%	95.5%
ECO103613	BAN110814	23%	59.8%	100%
ECO103613	BAN113686	26%	61.5%	98.1%
ECO103613	BPT101871	31%	48.4%	76.2%
ECO103613	BCE104783	61%	65.8%	99.7%
ECO103613	BFU103501	64%	65.1%	100%
ECO103613	BMA103147	62%	65.1%	100%
ECO103613	EBC105499	93%	65.1%	100%
ECO103613	EFA100246	50%	65.1%	100%
ECO103613	ECO103613	100%	100%	100%
ECO103613	KPN302276	92%	65.1%	100%
ECO103613	PSY104852	62%	65.1%	100%
ECO103613	SPA101996	83%	53.7%	100%
ECO103613	SPN400287	30%	32.7%	93.3%
ECO103617	ABA106158	25%	33.6%	33.5%
ECO103617	ABA103970	24%	74.0%	79.3%
ECO103617	ECO103617	100%	100%	100%
ECO103617	PRT103243	40%	72.2%	73.5%
ECO103617	SPA101520	46%	71.7%	75.1%
ECO103617	STY100853	46%	71.7%	75.1%
ECO103617	YPS000424	31%	70.9%	70.4%
ECO103624	ABA100986	86%	95.7%	100%
ECO103624	BAN102648	62%	93.5%	97.7%
ECO103624	BAN102568	62%	93.5%	97.7%
ECO103624	BFR106080	75%	97.8%	95.7%
ECO103624	BPT100632	65%	95.7%	100%
ECO103624	BBU100439	73%	97.8%	88.2%
ECO103624	BCE105407	63%	95.7%	100%
ECO103624	BMA109034	63%	95.7%	100%
ECO103624	CJU100891	65%	95.7%	100%
ECO103624	CPN200909	64%	91.3%	93.3%
ECO103624	CTR200163	66%	91.3%	93.3%
ECO103624	CAC101976	58%	93.5%	97.7%
ECO103624	CBO101345	53%	93.5%	74.1%
ECO103624	CDF104319	66%	91.3%	93.3%
ECO103624	CDP101663	59%	91.3%	84%
ECO103624	EBC100048	100%	100%	100%
ECO103624	EFA202663	69%	84.8%	88.6%
ECO103624	ECO103624	100%	100%	100%
ECO103624	HIN100979	88%	93.5%	97.7%
ECO103624	HPY101426	61%	95.7%	100%
ECO103624	KPN204278	100%	100%	100%
ECO103624	LPN103600	72%	93.5%	97.7%
ECO103624	LMO100377	67%	93.5%	97.7%
ECO103624	MCA103596	90%	95.7%	100%
ECO103624	MBV102731	54%	91.3%	91.3%
ECO103624	MLP101605	57%	91.3%	89.4%
ECO103624	MTU203869	54%	91.3%	89.4%
ECO103624	MGE100475	68%	97.8%	93.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103624	MPN100160	68%	97.8%	93.8%
ECO103624	NGO103743	68%	95.7%	100%
ECO103624	NME200511	68%	95.7%	100%
ECO103624	PMU101162	88%	93.5%	97.7%
ECO103624	PRT102996	95%	97.8%	95.7%
ECO103624	PAE205565	88%	95.7%	100%
ECO103624	PPU102199	79%	95.7%	100%
ECO103624	SPA101308	100%	100%	100%
ECO103624	STY104683	100%	100%	100%
ECO103624	STM104752	100%	100%	100%
ECO103624	SAU802714	62%	93.5%	95.6%
ECO103624	SEP201288	62%	93.5%	95.6%
ECO103624	SHA100140	62%	93.5%	95.6%
ECO103624	SMU102293	69%	93.5%	97.7%
ECO103624	SPN401805	74%	84.8%	88.6%
ECO103624	SPY200181	67%	93.5%	97.7%
ECO103624	TPA100941	71%	97.8%	88.2%
ECO103624	UUR100611	75%	97.8%	93.8%
ECO103624	VCH100007	80%	91.3%	93.3%
ECO103624	YPS003462	95%	100%	100%
ECO103625	ABA100989	39%	98.3%	89.5%
ECO103625	BAN113266	32%	84.9%	85.7%
ECO103625	BAN108182	31%	87.4%	91.3%
ECO103625	BFR101294	50%	26.9%	23.2%
ECO103625	BPT105773	33%	73.1%	74.8%
ECO103625	BBU100440	26%	84.9%	87.4%
ECO103625	BCE102411	38%	71.4%	53.8%
ECO103625	BFU113418	34%	92.4%	49.3%
ECO103625	BMA108699	37%	69.7%	52.9%
ECO103625	CJU100890	33%	47.1%	51.9%
ECO103625	CPN200910	36%	75.6%	64.7%
ECO103625	CTR200162	40%	77.3%	77.3%
ECO103625	CAC102336	32%	55.5%	55.5%
ECO103625	CBO103162	27%	87.4%	94.6%
ECO103625	CDF103808	28%	89.1%	93.9%
ECO103625	CDP101660	30%	68.9%	73.9%
ECO103625	EBC100049	91%	76.5%	100%
ECO103625	EFA200678	28%	82.4%	83.9%
ECO103625	ECO103625	100%	100%	100%
ECO103625	HIN100980	69%	100%	100%
ECO103625	KPN302213	96%	100%	100%
ECO103625	LPN100279	42%	89.9%	92.1%
ECO103625	LMO102928	29%	82.4%	83.2%
ECO103625	MCA103188	38%	73.1%	64.2%
ECO103625	MAV100559	28%	80.7%	90.2%
ECO103625	MGE100474	26%	79.0%	73.4%
ECO103625	NGO101432	42%	72.3%	71.9%
ECO103625	NME200510	42%	72.3%	71.9%
ECO103625	PMU101163	63%	100%	91.5%
ECO103625	PRT102997	78%	100%	100%
ECO103625	PAE205564	46%	95.8%	85.2%
ECO103625	PPU102196	46%	95.8%	69.7%
ECO103625	PSY107592	47%	91.6%	66.7%
ECO103625	SPA106865	100%	31.1%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103625	STY104781	98%	100%	100%
ECO103625	STM104793	97%	100%	100%
ECO103625	SAU802713	26%	80.7%	83.5%
ECO103625	SEP201290	29%	80.7%	83.5%
ECO103625	SHA100141	27%	80.7%	83.3%
ECO103625	SMU100665	29%	79.8%	79.0%
ECO103625	SPN401851	31%	74.8%	72.4%
ECO103625	SPY200178	28%	90.8%	89.9%
ECO103625	UUR100610	28%	61.3%	64.6%
ECO103625	VCH100006	54%	99.2%	100%
ECO103625	YPS003466	89%	100%	100%
ECO103626	ABA100996	42%	97.4%	97.6%
ECO103626	BAN106241	26%	32.7%	80.2%
ECO103626	BAN101755	36%	38.1%	84.2%
ECO103626	BFR11357	23%	95.8%	86.7%
ECO103626	BPT100635	36%	98.2%	98.8%
ECO103626	BBU100441	34%	37.6%	41.4%
ECO103626	BCE114096	36%	94.5%	97.8%
ECO103626	BFU101036	37%	97.3%	98.2%
ECO103626	BMA108265	35%	97.6%	98.2%
ECO103626	CJU100888	39%	57.7%	57.4%
ECO103626	CPN200442	33%	42.0%	30.8%
ECO103626	CTR200515	27%	75.4%	59.2%
ECO103626	CAC102265	38%	32.7%	73.2%
ECO103626	CBO101415	36%	37.4%	97.2%
ECO103626	CDF102839	36%	37.2%	91.1%
ECO103626	CDP101656	33%	19.3%	36.3%
ECO103626	EBC104228	92%	100%	100%
ECO103626	EFA200679	35%	34.7%	70.2%
ECO103626	EFM202652	27%	33.0%	63.0%
ECO103626	ECO103626	100%	100%	100%
ECO103626	HIN100982	55%	99.5%	100%
ECO103626	HPY101429	36%	60.6%	58.9%
ECO103626	KPN300252	83%	24.6%	87.1%
ECO103626	KPN302215	86%	98.0%	100%
ECO103626	LPN100622	26%	10.4%	80.3%
ECO103626	LMO102229	36%	36.5%	71.4%
ECO103626	MCA103022	44%	97.4%	98.0%
ECO103626	MAV100557	24%	37.6%	73.1%
ECO103626	MBV106261	23%	37.6%	70.5%
ECO103626	MLP101603	25%	39.1%	70%
ECO103626	MTU203866	23%	37.6%	70.5%
ECO103626	MGE100473	19%	39.8%	66.2%
ECO103626	MPN100162	18%	39.1%	66.2%
ECO103626	NGO101427	33%	98.2%	98.5%
ECO103626	NME200508	33%	98.2%	98.5%
ECO103626	PMU101165	55%	99.5%	100%
ECO103626	PRT103088	68%	98.0%	100%
ECO103626	PAE205563	42%	97.8%	99.0%
ECO103626	PPU103675	45%	97.8%	98.6%
ECO103626	PSY103555	44%	97.3%	98.0%
ECO103626	SPA101311	89%	98.0%	100%
ECO103626	STY103946	95%	100%	100%
ECO103626	STM100542	95%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103626	SAU802090	29%	34.5%	70.7%
ECO103626	SEP201891	30%	34.7%	71.0%
ECO103626	SHA100992	31%	21.7%	78.5%
ECO103626	SMU100666	35%	33.4%	69.0%
ECO103626	SPN401850	29%	37.0%	75%
ECO103626	SPY200179	33%	37.6%	77.5%
ECO103626	TPA100939	38%	36.9%	33.8%
ECO103626	UUR100609	23%	41.4%	69.7%
ECO103626	VCH100004	57%	99.1%	100%
ECO103626	YPS003474	77%	99.8%	100%
ECO103627	ABA100998	56%	100%	100%
ECO103627	BAN111462	35%	66.1%	66.0%
ECO103627	BAN104510	33%	99.1%	99.3%
ECO103627	BFR11527	35%	99.6%	99.8%
ECO103627	BPT102869	55%	98.7%	98.0%
ECO103627	BBU100178	29%	99.3%	98.5%
ECO103627	BCE104176	54%	99.8%	99.4%
ECO103627	BFU101038	54%	99.8%	99.4%
ECO103627	BMA106211	54%	99.8%	99.4%
ECO103627	CJU100886	34%	99.3%	99.8%
ECO103627	CPN201012	37%	100%	100%
ECO103627	CTR200070	36%	100%	100%
ECO103627	CAC100805	35%	100%	100%
ECO103627	CBO101103	34%	100%	100%
ECO103627	CDF100515	41%	68.7%	98.4%
ECO103627	CDF102182	36%	99.3%	98.7%
ECO103627	EBC104229	94%	100%	100%
ECO103627	EFA200716	34%	99.1%	98.3%
ECO103627	EFM200971	33%	99.1%	92.9%
ECO103627	ECO103627	100%	100%	100%
ECO103627	HIN100983	74%	99.1%	97.6%
ECO103627	HPY101431	34%	99.3%	97.4%
ECO103627	KPN302217	93%	100%	100%
ECO103627	LMO101370	34%	99.1%	99.3%
ECO103627	MCA103209	47%	98.9%	98.1%
ECO103627	MGE100008	28%	100%	100%
ECO103627	MPN100146	29%	100%	100%
ECO103627	NGO100139	54%	100%	100%
ECO103627	NME200423	54%	100%	100%
ECO103627	PMU101166	77%	99.1%	96.8%
ECO103627	PRT100712	82%	100%	100%
ECO103627	PAE205562	66%	99.1%	98.9%
ECO103627	PPU102190	65%	94.9%	100%
ECO103627	PSY103429	66%	99.1%	96.0%
ECO103627	SPA101312	85%	100%	100%
ECO103627	STY103943	94%	100%	100%
ECO103627	STM100544	94%	100%	100%
ECO103627	SAU802712	32%	99.6%	99.8%
ECO103627	SEP201292	32%	99.6%	99.8%
ECO103627	SHA101595	32%	99.1%	100%
ECO103627	SMU100160	34%	99.1%	98.7%
ECO103627	SPN400920	33%	99.1%	94.2%
ECO103627	SPY200813	32%	99.1%	98.5%
ECO103627	TPA100544	29%	99.3%	98.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103627	UUR100016	29%	98.9%	99.5%
ECO103627	VCH100003	75%	99.1%	97.0%
ECO103627	YPS003478	88%	100%	100%
ECO103641	CAC101857	27%	14.9%	20.7%
ECO103641	ECO103641	100%	100%	100%
ECO103641	KPN302230	76%	99.6%	99.8%
ECO103641	MCA102901	23%	26.8%	46.5%
ECO103646	ABA105185	58%	96.5%	83%
ECO103646	BAN100509	58%	94.9%	98.0%
ECO103646	BAN112038	58%	98.8%	94.5%
ECO103646	BFR11994	58%	96.5%	98.0%
ECO103646	BPT101009	80%	97.7%	91.6%
ECO103646	BBU100217	57%	96.1%	95%
ECO103646	BCE100052	81%	96.9%	100%
ECO103646	BFU113657	80%	97.7%	89.7%
ECO103646	BMA105767	80%	96.9%	88.3%
ECO103646	CJU100577	49%	94.6%	97.6%
ECO103646	CAC103216	58%	96.1%	98.8%
ECO103646	CBO100411	48%	96.1%	98.8%
ECO103646	CBO102667	59%	96.1%	98.8%
ECO103646	CDF104057	60%	96.5%	97.2%
ECO103646	CDP100486	54%	62.3%	97.0%
ECO103646	EBC104233	95%	100%	100%
ECO103646	EFA200608	50%	97.3%	92.9%
ECO103646	EFM202214	51%	96.1%	98.0%
ECO103646	ECO103646	100%	100%	100%
ECO103646	KPN302234	98%	100%	100%
ECO103646	LMO102534	57%	97.3%	92.3%
ECO103646	MCA100490	70%	96.9%	89.2%
ECO103646	MAV105448	55%	96.5%	98.8%
ECO103646	MBV101896	53%	96.5%	98.8%
ECO103646	MLP101306	52%	96.5%	98.8%
ECO103646	MTU200814	53%	96.5%	98.8%
ECO103646	MGE100422	51%	94.9%	74.5%
ECO103646	MPN100233	49%	94.9%	74.5%
ECO103646	PMU100433	76%	99.2%	98.5%
ECO103646	PRT102833	92%	98.4%	98.1%
ECO103646	PAE205361	65%	96.5%	89.5%
ECO103646	PPU103688	64%	96.1%	87.9%
ECO103646	PSY104951	66%	96.9%	96.1%
ECO103646	SPA100792	98%	85.6%	95.7%
ECO103646	STY103908	98%	100%	100%
ECO103646	SAU801386	56%	94.9%	86.2%
ECO103646	SEP202087	56%	94.9%	83.8%
ECO103646	SHA101138	54%	94.9%	89.4%
ECO103646	SMU100937	49%	96.1%	98.0%
ECO103646	SPN401895	55%	95.3%	98%
ECO103646	SPY200951	51%	96.1%	97.6%
ECO103646	UUR100200	53%	95.7%	75.4%
ECO103646	VCH100713	60%	96.1%	90.5%
ECO103646	YPS003522	90%	100%	100%
ECO103655	ABA102336	75%	99.8%	99.6%
ECO103655	BAN102895	44%	99.0%	98.6%
ECO103655	BAN104850	54%	99.0%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103655	BFR12383	55%	95.7%	95.6%
ECO103655	BPT102265	69%	99.0%	99.0%
ECO103655	BCE113271	68%	100%	100%
ECO103655	BFU111824	68%	100%	100%
ECO103655	BMA104609	69%	100%	100%
ECO103655	CJU100094	56%	99.2%	99.4%
ECO103655	CAC101220	56%	99.0%	98.4%
ECO103655	CBO103759	57%	99.0%	98.6%
ECO103655	CDF103688	57%	94.7%	95%
ECO103655	CDP100092	50%	99.4%	91.7%
ECO103655	EBC104234	95%	100%	100%
ECO103655	EFA201608	56%	95.3%	92.3%
ECO103655	EFM200643	53%	99.6%	96.9%
ECO103655	ECO103655	100%	100%	100%
ECO103655	HIN100461	86%	100%	100%
ECO103655	HPY101117	54%	99.6%	99.4%
ECO103655	KPN301117	98%	99.4%	100%
ECO103655	LPN101363	74%	75.4%	99.7%
ECO103655	LMO102357	53%	99.4%	98.6%
ECO103655	MCA100632	76%	99.8%	99.6%
ECO103655	MAV106522	49%	99.0%	91.2%
ECO103655	MBV105525	50%	99.0%	92.0%
ECO103655	MLP100709	49%	99.0%	90.5%
ECO103655	MTU201291	50%	99.0%	92.0%
ECO103655	MGE100413	48%	96.5%	93.2%
ECO103655	MPN100242	48%	96.1%	92.9%
ECO103655	NGO101344	69%	100%	99.6%
ECO103655	NME200481	69%	100%	99.6%
ECO103655	PMU101492	86%	100%	100%
ECO103655	PRT105365	92%	100%	100%
ECO103655	PAE205551	78%	99.8%	99.6%
ECO103655	PPU103565	77%	99.8%	99.6%
ECO103655	PSY106861	78%	90.8%	100%
ECO103655	SPA103402	98%	41.5%	100%
ECO103655	STY103858	98%	100%	100%
ECO103655	SAU802105	54%	96.3%	96.2%
ECO103655	SEP201899	54%	96.3%	96.0%
ECO103655	SHA101055	52%	99.6%	100%
ECO103655	SMU101004	53%	96.5%	96.6%
ECO103655	SPN401361	53%	96.5%	96.6%
ECO103655	SPY200556	52%	99.0%	98.6%
ECO103655	UUR100131	52%	91.8%	57.4%
ECO103655	VCH102727	84%	100%	98.1%
ECO103655	YPS003553	93%	100%	100%
ECO103658	ABA103520	51%	93.7%	91.4%
ECO103658	BAN106091	41%	78.5%	84.9%
ECO103658	BAN113226	45%	88.6%	97.2%
ECO103658	BFR103243	42%	83.5%	77.6%
ECO103658	BPT104646	45%	92.4%	91.2%
ECO103658	BCE104650	45%	88.6%	76.9%
ECO103658	BFU106433	45%	88.6%	76.9%
ECO103658	BMA101499	45%	88.6%	76.9%
ECO103658	CJU100866	35%	84.8%	59.8%
ECO103658	CAC103126	21%	89.9%	86.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103658	CBO102689	30%	82.3%	82.3%
ECO103658	CDP102004	47%	74.7%	74.7%
ECO103658	EBC108003	100%	49.4%	88.6%
ECO103658	EFA203405	40%	96.2%	98.6%
ECO103658	EFM202289	42%	87.3%	97.2%
ECO103658	ECO103658	100%	100%	100%
ECO103658	HIN100464	56%	84.8%	79.8%
ECO103658	HPY101195	34%	65.8%	49.5%
ECO103658	KPN306713	100%	100%	100%
ECO103658	LPN103500	23%	81.0%	70.3%
ECO103658	LMO100841	42%	88.6%	97.2%
ECO103658	MCA100629	52%	84.8%	82.7%
ECO103658	MAV106519	41%	84.8%	79.8%
ECO103658	MBV105519	38%	84.8%	70.5%
ECO103658	MLP100706	38%	84.8%	82.7%
ECO103658	MTU201288	38%	84.8%	82.7%
ECO103658	NGO103623	43%	89.9%	91.0%
ECO103658	NME200478	43%	89.9%	91.0%
ECO103658	PMU101489	55%	84.8%	79.8%
ECO103658	PRT103094	97%	100%	100%
ECO103658	PAE205554	57%	88.6%	82.4%
ECO103658	PPU100894	50%	38.0%	76.9%
ECO103658	PSY103434	57%	88.6%	82.4%
ECO103658	SPA106169	97%	100%	100%
ECO103658	STY107263	100%	100%	100%
ECO103658	SAU802108	46%	73.4%	82.9%
ECO103658	SEP204208	46%	73.4%	82.9%
ECO103658	SHA100057	42%	83.5%	94.3%
ECO103658	SMU102730	37%	54.4%	61.2%
ECO103658	SPN401365	27%	54.4%	65.2%
ECO103658	VCH102730	53%	84.8%	78.8%
ECO103658	YPS003562	100%	100%	100%
ECO103659	ABA102343	57%	100%	100%
ECO103659	BAN111963	37%	47.6%	88.9%
ECO103659	BAN106879	30%	82.3%	89.5%
ECO103659	BFR102190	24%	85.2%	61.4%
ECO103659	BPT104642	44%	99.6%	99.3%
ECO103659	BCE101199	49%	97.4%	96.1%
ECO103659	BFU104286	46%	98.2%	96.8%
ECO103659	BMA101219	49%	97.4%	96.1%
ECO103659	CJU101129	30%	82.7%	89.8%
ECO103659	CAC101894	29%	84.9%	89.6%
ECO103659	CBO100509	31%	80.8%	85.8%
ECO103659	CDF102803	30%	80.4%	87.6%
ECO103659	CDP100087	27%	84.5%	74.0%
ECO103659	EBC104246	93%	100%	100%
ECO103659	EFA203403	32%	70.1%	77.0%
ECO103659	EFM200212	34%	81.2%	88.3%
ECO103659	ECO103659	100%	100%	100%
ECO103659	HIN100465	53%	96.3%	96.2%
ECO103659	HPY100815	30%	85.6%	93.4%
ECO103659	KPN301113	91%	100%	100%
ECO103659	LPN100590	26%	80.1%	82.2%
ECO103659	LMO102867	31%	81.9%	88.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103659	MCA100628	53%	99.6%	99.0%
ECO103659	MAV106517	32%	84.9%	87.7%
ECO103659	MBV105517	34%	84.9%	88.4%
ECO103659	MLP100705	31%	84.9%	88.0%
ECO103659	MTU201287	34%	84.9%	88.4%
ECO103659	MGE100417	25%	82.7%	77.7%
ECO103659	MPN100238	22%	79.0%	73.7%
ECO103659	NGO101341	45%	100%	100%
ECO103659	NME200477	46%	100%	100%
ECO103659	PMU101488	52%	98.2%	97.3%
ECO103659	PRT105765	81%	99.6%	98.9%
ECO103659	PAE205555	53%	100%	99.7%
ECO103659	PPU103681	57%	86.3%	98.8%
ECO103659	PSY103433	53%	97.8%	98.3%
ECO103659	SPA103408	96%	100%	100%
ECO103659	STY103856	96%	100%	100%
ECO103659	SAU802109	34%	80.4%	85.5%
ECO103659	SEP201902	32%	82.7%	89.3%
ECO103659	SHA100056	28%	87.5%	97.1%
ECO103659	SMU101010	29%	85.6%	93.3%
ECO103659	SPN401364	24%	79.3%	85.7%
ECO103659	SPY200553	29%	81.5%	88.2%
ECO103659	UUR100136	25%	81.9%	77.8%
ECO103659	VCH102731	62%	98.9%	97.4%
ECO103659	YPS000004	84%	99.6%	98.9%
ECO103668	ABA104510	51%	96.9%	80.6%
ECO103668	BPT100131	54%	95.4%	77.7%
ECO103668	BCE113335	52%	96.1%	78.5%
ECO103668	BFU102356	54%	96.5%	80.1%
ECO103668	BMA106222	53%	96.9%	80.2%
ECO103668	EBC102338	91%	97.3%	81.2%
ECO103668	EFA200434	36%	84.4%	66.5%
ECO103668	EFM200928	36%	91.5%	72.1%
ECO103668	ECO103668	100%	100%	100%
ECO103668	KPN301443	91%	97.1%	81.2%
ECO103668	LPN102964	42%	96.7%	79.5%
ECO103668	PAE200916	53%	97.1%	79.8%
ECO103668	PPU108700	54%	95.2%	80.7%
ECO103668	PSY105528	54%	95.2%	78.6%
ECO103668	SPA103407	91%	95.2%	80.8%
ECO103668	STY103826	96%	97.3%	81.2%
ECO103668	STM100644	96%	97.3%	81.2%
ECO103668	SPY201083	35%	82.3%	64.3%
ECO103668	VCH103254	51%	96.1%	80.3%
ECO103668	YPS000050	83%	97.3%	81.2%
ECO103669	BAN110638	36%	88.1%	100%
ECO103669	BAN109542	45%	92.1%	100%
ECO103669	EBC102337	90%	98.7%	100%
ECO103669	EFA202098	44%	92.1%	100%
ECO103669	EFM200535	44%	92.1%	100%
ECO103669	ECO103669	100%	100%	100%
ECO103669	HIN100480	58%	92.1%	100%
ECO103669	KPN301442	89%	92.1%	100%
ECO103669	PMU100156	58%	92.1%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103669	PRT105359	60%	92.1%	100%
ECO103669	PPU111206	43%	92.1%	100%
ECO103669	PSY102602	42%	92.1%	100%
ECO103669	SPA105536	85%	37.1%	100%
ECO103669	STY103824	87%	92.1%	100%
ECO103669	STM100985	87%	92.1%	100%
ECO103669	SAU800269	43%	92.1%	100%
ECO103669	SEP201129	42%	92.1%	100%
ECO103669	SHA100905	46%	92.1%	100%
ECO103669	SPY200859	33%	37.1%	24.5%
ECO103669	VCH102863	51%	92.1%	89.1%
ECO103669	YPS000052	68%	92.1%	100%
ECO103671	BAN113187	46%	93.1%	99.3%
ECO103671	BAN101766	55%	95.0%	97.4%
ECO103671	BCE101785	34%	96.0%	92.9%
ECO103671	BCE103924	48%	92.8%	87.8%
ECO103671	BFU101396	41%	96.0%	91.8%
ECO103671	BMA102013	47%	93.1%	87.8%
ECO103671	CDF101478	46%	96.0%	91.9%
ECO103671	CDP101286	28%	93.1%	90.1%
ECO103671	EBC100655	95%	59.8%	100%
ECO103671	EFA200646	24%	77.6%	85.4%
ECO103671	ECO103671	100%	100%	100%
ECO103671	HIN100482	67%	94.4%	93.8%
ECO103671	KPN301440	95%	100%	100%
ECO103671	LPN100459	33%	91.9%	93.6%
ECO103671	MAV106603	31%	27.4%	31.0%
ECO103671	MLP100257	39%	91.9%	47.0%
ECO103671	PMU100154	66%	99.1%	97.8%
ECO103671	PRT101087	84%	99.7%	100%
ECO103671	PAE201946	38%	91.3%	87.0%
ECO103671	PPU111209	37%	91.3%	87.3%
ECO103671	PSY102877	40%	94.7%	92.1%
ECO103671	SPA100608	94%	100%	100%
ECO103671	STY103820	96%	100%	100%
ECO103671	STM100987	96%	100%	100%
ECO103671	SHA102966	57%	80.4%	100%
ECO103671	SPY100941	19%	86.6%	95.6%
ECO103671	VCH102865	73%	99.7%	96.7%
ECO103671	YPS000319	49%	92.8%	89.1%
ECO103672	BAN104641	49%	89.5%	96.4%
ECO103672	BAN105239	57%	90.2%	86.4%
ECO103672	BCE103519	32%	95.9%	91.1%
ECO103672	BFU115574	26%	94.3%	91.8%
ECO103672	BFU107090	29%	94.3%	90.9%
ECO103672	BFU114046	30%	95.9%	93.8%
ECO103672	BMA103821	32%	98.6%	93.7%
ECO103672	CDF101501	30%	90.9%	84.7%
ECO103672	EBC100654	97%	94.9%	100%
ECO103672	ECO103672	100%	100%	100%
ECO103672	HIN100483	73%	98.3%	99.3%
ECO103672	KPN301439	94%	100%	100%
ECO103672	LPN100587	23%	89.2%	91.8%
ECO103672	MLP100258	28%	76.7%	68.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103672	PMU100153	75%	99.0%	99.0%
ECO103672	PRT101086	77%	100%	100%
ECO103672	PAE201944	32%	93.9%	93.7%
ECO103672	PPU103878	32%	92.2%	89.7%
ECO103672	PSY101673	34%	98.6%	95.2%
ECO103672	SPA100607	95%	100%	100%
ECO103672	STY103818	97%	100%	100%
ECO103672	STM100988	97%	100%	100%
ECO103672	SHA100365	49%	89.5%	85.6%
ECO103672	SMU100518	24%	90.5%	86.6%
ECO103672	VCH102866	70%	99.7%	100%
ECO103672	YPS003542	31%	97.3%	90.4%
ECO103684	ABA100252	44%	97.1%	97.1%
ECO103684	BAN102540	34%	90.9%	95.2%
ECO103684	BAN100822	38%	90.9%	96.2%
ECO103684	BAN105647	39%	91.3%	92.3%
ECO103684	BAN112796	40%	91.3%	92.6%
ECO103684	BFR10908	28%	95.5%	90.6%
ECO103684	BPT102486	49%	97.1%	97.4%
ECO103684	BCE112712	46%	96.8%	97.7%
ECO103684	BFU103498	44%	96.8%	97.7%
ECO103684	BFU105781	43%	96.8%	95.8%
ECO103684	BMA101998	47%	96.8%	97.7%
ECO103684	CJU100241	45%	94.8%	96.1%
ECO103684	CAC103650	29%	95.5%	90.0%
ECO103684	CBO100231	26%	78.6%	76.3%
ECO103684	CDP100383	29%	95.5%	84.9%
ECO103684	EBC103120	97%	99.7%	99.7%
ECO103684	EFA200551	31%	96.4%	91.2%
ECO103684	EFM100086	30%	70.6%	95.3%
ECO103684	ECO103684	100%	100%	100%
ECO103684	HIN101166	29%	96.4%	91.5%
ECO103684	HPY101447	31%	96.4%	90.6%
ECO103684	KPN302044	94%	100%	100%
ECO103684	LPN100516	26%	90.0%	96.0%
ECO103684	LMO102393	31%	90.0%	93.1%
ECO103684	MCA100073	45%	97.4%	97.1%
ECO103684	MAV101180	29%	96.4%	85.7%
ECO103684	MBV104007	32%	95.5%	85.6%
ECO103684	MLP100526	30%	96.4%	87.5%
ECO103684	MTU202176	32%	95.5%	85.6%
ECO103684	NGO101582	27%	96.4%	91.9%
ECO103684	NME201988	27%	96.4%	91.9%
ECO103684	PMU100566	32%	96.8%	91.2%
ECO103684	PRT101816	88%	99.0%	99.4%
ECO103684	PAE205008	49%	95.5%	95.4%
ECO103684	PPU110137	30%	99.0%	86.1%
ECO103684	PSY104234	32%	97.4%	90.7%
ECO103684	SPA102767	97%	99.4%	100%
ECO103684	STY102144	97%	99.7%	99.7%
ECO103684	STM101003	97%	99.7%	99.7%
ECO103684	SAU800554	33%	96.4%	87.4%
ECO103684	SEP200080	32%	97.7%	88.5%
ECO103684	SHA101064	34%	95.1%	86.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103684	SMU101031	31%	96.8%	91.2%
ECO103684	SPN400758	32%	96.8%	91.5%
ECO103684	SPY200682	31%	96.8%	91.5%
ECO103684	VCH100029	71%	99.4%	96.2%
ECO103684	YPS001659	91%	99.0%	99.4%
ECO103685	ABA101148	72%	98.3%	98.7%
ECO103685	BAN107961	36%	90.2%	90.3%
ECO103685	BAN107556	48%	96.5%	95.0%
ECO103685	BFR12455	65%	96.5%	95.2%
ECO103685	BPT102335	73%	99.2%	96.4%
ECO103685	BCE110053	73%	99.2%	87.3%
ECO103685	BFU102555	73%	99.2%	98.5%
ECO103685	BMA108067	37%	96.4%	94.1%
ECO103685	CJU100013	46%	96.7%	95.7%
ECO103685	CAC101693	44%	97.2%	95.8%
ECO103685	CBO102730	36%	96.0%	93.5%
ECO103685	CDF100406	44%	96.4%	95.8%
ECO103685	CDP100193	66%	98.3%	96.2%
ECO103685	EBC103119	95%	97.5%	100%
ECO103685	ECO103685	100%	100%	100%
ECO103685	HIN100718	76%	99.2%	96.6%
ECO103685	KPN302046	95%	99.5%	96.8%
ECO103685	LMO100576	46%	95.5%	93.3%
ECO103685	MCA101145	71%	99.2%	96.7%
ECO103685	MAV103959	38%	61.7%	98.2%
ECO103685	MBV102695	39%	96.4%	92.7%
ECO103685	MLP101542	38%	96.4%	94.5%
ECO103685	MTU200188	39%	96.4%	92.7%
ECO103685	NGO100339	69%	99.2%	96.4%
ECO103685	NME201248	69%	99.2%	96.4%
ECO103685	PMU101625	79%	99.2%	96.7%
ECO103685	PRT104367	86%	99.5%	96.8%
ECO103685	PAE200352	73%	99.5%	96.7%
ECO103685	PPU102184	72%	99.5%	96.6%
ECO103685	PSY103562	72%	97.2%	99.2%
ECO103685	SPA102766	94%	90.2%	98.9%
ECO103685	STY102141	93%	99.5%	96.8%
ECO103685	STM101004	94%	99.5%	96.8%
ECO103685	SAU802053	46%	95.5%	93.4%
ECO103685	SEP201289	47%	95.5%	93.4%
ECO103685	SHA101345	45%	95.5%	93.4%
ECO103685	SMU101318	37%	96.9%	91.7%
ECO103685	SPN401932	37%	96.9%	93.5%
ECO103685	VCH100028	81%	99.5%	96.7%
ECO103685	YPS001655	86%	99.5%	96.8%
ECO103692	ABA100705	51%	99.0%	99.0%
ECO103692	BPT102270	49%	96.7%	97.0%
ECO103692	BBU100606	37%	94.5%	96.5%
ECO103692	BCE104021	47%	98.8%	87.4%
ECO103692	BFU101736	46%	98.8%	99.0%
ECO103692	BMA101028	46%	98.8%	99.1%
ECO103692	EBC102904	93%	99.3%	99.9%
ECO103692	ECO103692	100%	100%	100%
ECO103692	HIN100630	67%	99.1%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103692	KPN302047	94%	95.4%	100%
ECO103692	LPN100488	50%	99.0%	99.8%
ECO103692	MCA101054	48%	99.6%	97.4%
ECO103692	MGE100248	27%	90.3%	84.4%
ECO103692	NGO100148	48%	94.8%	94.2%
ECO103692	NME201520	48%	94.8%	94.2%
ECO103692	PMU101059	65%	99.6%	100%
ECO103692	PRT102849	78%	99.3%	99.4%
ECO103692	PAE205291	54%	99.0%	99.4%
ECO103692	PPU102306	54%	99.0%	99.4%
ECO103692	PSY103420	53%	97.6%	99.7%
ECO103692	SPA103752	96%	100%	99.9%
ECO103692	STY102114	96%	100%	99.9%
ECO103692	STM101022	96%	100%	99.9%
ECO103692	TPA100101	38%	94.1%	95.0%
ECO103692	VCH100165	72%	99.0%	99.6%
ECO103692	YPS001548	85%	99.3%	99.3%
ECO103696	ECO103696	100%	100%	100%
ECO103697	ABA100304	77%	99.8%	100%
ECO103697	BAN105100	45%	98.8%	96.2%
ECO103697	BAN113042	57%	98.8%	96.5%
ECO103697	BFR103103	62%	87.4%	53.6%
ECO103697	BPT100264	70%	99.8%	100%
ECO103697	BBU100229	57%	99.3%	80.6%
ECO103697	BCE104048	69%	99.8%	99.5%
ECO103697	BFU105309	70%	97.1%	95.5%
ECO103697	BMA101995	69%	99.8%	99.5%
ECO103697	CJU101081	56%	98.8%	95.1%
ECO103697	CPN200135	60%	99.0%	89.0%
ECO103697	CTR200767	61%	99.0%	98.6%
ECO103697	CAC102868	57%	1.7%	14.3%
ECO103697	CBO103912	55%	87.4%	75.7%
ECO103697	CDF100058	60%	79.5%	66.4%
ECO103697	CDP100068	54%	87.6%	54.3%
ECO103697	EBC103271	97%	63.2%	100%
ECO103697	EFA201306	52%	99.0%	95.3%
ECO103697	ECO103697	100%	100%	100%
ECO103697	HIN100281	87%	100%	100%
ECO103697	HPY100543	54%	99.0%	94.1%
ECO103697	KPN301899	99%	95.5%	100%
ECO103697	LMO101598	55%	99.5%	97.9%
ECO103697	MCA100009	69%	46.5%	99.0%
ECO103697	MAV106530	51%	95.9%	65.3%
ECO103697	MBV105502	51%	95.9%	64.6%
ECO103697	MLP100698	51%	95.9%	63.8%
ECO103697	MTU201280	51%	95.9%	64.6%
ECO103697	NGO100759	69%	99.5%	99.5%
ECO103697	NME200762	69%	99.5%	99.5%
ECO103697	PMU101920	88%	100%	100%
ECO103697	PRT102841	95%	100%	100%
ECO103697	PAE205234	81%	99.8%	99.8%
ECO103697	PPU100260	81%	95.9%	99.8%
ECO103697	PSY100590	79%	99.8%	99.8%
ECO103697	SPA103748	99%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103697	STY102102	99%	100%	100%
ECO103697	STM101036	99%	100%	100%
ECO103697	SAU802121	52%	98.6%	93.2%
ECO103697	SEP201911	51%	98.6%	93.2%
ECO103697	SHA100146	51%	98.6%	90.3%
ECO103697	TPA100251	63%	93.8%	75.1%
ECO103697	VCH100303	91%	99.8%	99.8%
ECO103697	YPS001531	95%	100%	100%
ECO103698	ABA100164	24%	82.3%	87.2%
ECO103698	BAN100173	24%	89.6%	94.1%
ECO103698	BAN111934	27%	95.9%	98.0%
ECO103698	BFR11277	27%	74.9%	89.4%
ECO103698	BPT100693	27%	66.5%	66.5%
ECO103698	BCE102990	23%	94.6%	97.6%
ECO103698	BFU101096	25%	84.2%	84.7%
ECO103698	BMA100577	22%	95.9%	100%
ECO103698	CAC103146	23%	78.5%	84.3%
ECO103698	CBO100307	27%	87.5%	94.5%
ECO103698	CDP100086	27%	79.0%	81.2%
ECO103698	EBC103269	86%	100%	100%
ECO103698	EFA201668	25%	88.6%	85.1%
ECO103698	EFM202542	23%	89.9%	88.1%
ECO103698	ECO103698	100%	100%	100%
ECO103698	HIN101681	59%	93.7%	96.9%
ECO103698	HPY101558	23%	77.4%	79.2%
ECO103698	KPN301897	86%	91.0%	100%
ECO103698	LPN100889	25%	82.6%	86.8%
ECO103698	LMO100133	29%	83.9%	85.4%
ECO103698	MAV106513	27%	81.2%	80.3%
ECO103698	MBV105513	27%	79.6%	79.3%
ECO103698	MLP100703	25%	81.2%	82.0%
ECO103698	MTU201285	27%	81.2%	80.9%
ECO103698	PMU100463	59%	95.6%	98.9%
ECO103698	PRT102839	76%	97.3%	98.3%
ECO103698	SPA103747	89%	83.1%	99.7%
ECO103698	STY102099	87%	100%	100%
ECO103698	STM101037	87%	100%	100%
ECO103698	SAU800747	26%	90.5%	90.6%
ECO103698	SEP201371	26%	90.2%	89.1%
ECO103698	SHA102011	25%	90.2%	88.6%
ECO103698	SMU101498	26%	90.7%	88.1%
ECO103698	SPY200209	25%	88.8%	87.1%
ECO103698	YPS001526	80%	97.3%	97.8%
ECO103710	BAN100022	36%	39.0%	67.4%
ECO103710	BAN110606	56%	20.3%	84.7%
ECO103710	BAN100162	51%	30.9%	77.6%
ECO103710	BAN106694	36%	72.4%	88.9%
ECO103710	BAN111095	36%	76.8%	81.9%
ECO103710	BFR104919	31%	76.4%	86.9%
ECO103710	BFU100858	35%	76.0%	76.9%
ECO103710	BFU110458	33%	77.2%	80.8%
ECO103710	CAC102880	25%	85.8%	86.4%
ECO103710	CBO101373	32%	86.2%	93.7%
ECO103710	EBC103267	82%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103710	EFA201299	32%	87.4%	86.3%
ECO103710	EFM201041	23%	75.2%	87.7%
ECO103710	EFM200803	27%	95.1%	86.7%
ECO103710	ECO103710	100%	100%	100%
ECO103710	KPN301891	82%	100%	100%
ECO103710	LMO100605	32%	80.5%	79.5%
ECO103710	PRT100152	69%	99.2%	99.6%
ECO103710	PPU110732	25%	83.7%	79.2%
ECO103710	SPA102856	88%	100%	100%
ECO103710	STY102069	87%	100%	100%
ECO103710	STM101058	88%	100%	100%
ECO103710	SAU800636	32%	81.3%	78.0%
ECO103710	SEP200215	31%	80.5%	74.2%
ECO103710	SHA100117	28%	80.5%	80.3%
ECO103710	VCH100911	38%	77.6%	76.4%
ECO103710	YPS001461	70%	100%	100%
ECO103723	ABA105566	34%	82.6%	83.5%
ECO103723	ABA104216	38%	96.0%	95.1%
ECO103723	BPT100513	45%	96.0%	93.9%
ECO103723	BCE108192	44%	99.3%	99.3%
ECO103723	BFU105837	46%	97.0%	97.4%
ECO103723	BMA109620	45%	96.0%	95.5%
ECO103723	EBC102509	81%	57.4%	100%
ECO103723	ECO103723	100%	100%	100%
ECO103723	HIN100657	59%	98.3%	99.3%
ECO103723	KPN303535	87%	100%	100%
ECO103723	MCA103469	41%	91.9%	86.1%
ECO103723	NGO101576	46%	80.5%	80%
ECO103723	NME200545	46%	80.5%	80%
ECO103723	PMU101701	57%	99.0%	100%
ECO103723	PRT102819	64%	97.7%	95.1%
ECO103723	PAE205275	50%	98.3%	96.7%
ECO103723	PPU109123	49%	97.7%	97.3%
ECO103723	PSY103037	50%	97.0%	96.7%
ECO103723	SPA100310	93%	59.1%	100%
ECO103723	STY102033	90%	99.0%	98.3%
ECO103723	STM101083	90%	100%	100%
ECO103723	SMU100191	26%	72.8%	70.2%
ECO103723	SPN401046	33%	48.7%	41.9%
ECO103723	SPY200913	29%	48.7%	41.9%
ECO103723	UUR100144	25%	94.0%	93.5%
ECO103723	UUR100223	24%	93.3%	95.2%
ECO103723	VCH100127	57%	97.0%	93.2%
ECO103723	YPS001404	72%	99.0%	97.4%
ECO103724	BCE109755	32%	95.8%	94.6%
ECO103724	BFU111719	33%	38.2%	40.9%
ECO103724	EBC101110	79%	100%	100%
ECO103724	ECO103724	100%	100%	100%
ECO103724	KPN303537	76%	100%	100%
ECO103724	MPN100107	37%	22.3%	12.0%
ECO103724	PMU101700	39%	100%	99.6%
ECO103724	PRT102800	51%	100%	100%
ECO103724	PAE205276	33%	97.5%	98.3%
ECO103724	PPU109127	32%	96.2%	97.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103724	PSY103036	33%	96.2%	97.8%
ECO103724	SPA100311	87%	100%	100%
ECO103724	STY102031	86%	100%	100%
ECO103724	STM101084	87%	100%	100%
ECO103724	VCH100128	43%	100%	99.6%
ECO103724	YPS001402	64%	100%	100%
ECO103725	BAN105739	28%	96.4%	96.7%
ECO103725	BAN105118	39%	98.6%	98.0%
ECO103725	BFR10181	39%	87.5%	90.0%
ECO103725	BPT100444	46%	99.3%	96.6%
ECO103725	BCE114095	46%	87.8%	100%
ECO103725	BFU114667	44%	99.3%	99.5%
ECO103725	BMA108211	44%	99.3%	99.5%
ECO103725	CJU101027	34%	97.1%	97.7%
ECO103725	CPN201081	38%	88.8%	99.5%
ECO103725	CTR200887	38%	88.8%	99.8%
ECO103725	CAC100746	36%	98.5%	98.9%
ECO103725	CBO101783	36%	99.3%	99.7%
ECO103725	CDF102800	37%	98.8%	98.3%
ECO103725	CDP100108	37%	97.4%	92.8%
ECO103725	EBC101111	96%	53.6%	99.0%
ECO103725	EFA201050	39%	99.3%	99.2%
ECO103725	EFM200737	23%	86.8%	88.5%
ECO103725	ECO103725	100%	100%	100%
ECO103725	HIN101161	67%	100%	99.7%
ECO103725	HPY101457	32%	95.1%	94.3%
ECO103725	KPN303539	96%	100%	99.7%
ECO103725	LPN100538	58%	73.1%	100%
ECO103725	LMO100030	41%	100%	100%
ECO103725	MAV107704	39%	97.9%	96.6%
ECO103725	MBV101967	39%	97.4%	95.8%
ECO103725	MLP100111	37%	97.9%	96.7%
ECO103725	MTU200940	39%	97.4%	95.8%
ECO103725	MPN100496	30%	87.9%	87.7%
ECO103725	MPN100495	26%	97.5%	97.3%
ECO103725	NGO100682	48%	99.3%	98.8%
ECO103725	NME200026	47%	99.3%	98.8%
ECO103725	PMU100411	67%	100%	99.9%
ECO103725	PRT102802	83%	99.7%	100%
ECO103725	PAE205438	64%	99.9%	99.6%
ECO103725	PPU102313	62%	99.9%	99.5%
ECO103725	PSY103224	60%	94.4%	99.6%
ECO103725	SPA101953	95%	71.1%	100%
ECO103725	STY102029	97%	100%	100%
ECO103725	STM101095	97%	100%	100%
ECO103725	SAU801905	39%	99.0%	99.0%
ECO103725	SEP200564	39%	98.6%	98.5%
ECO103725	SHA100319	39%	98.5%	100%
ECO103725	SMU100987	39%	99.0%	99.3%
ECO103725	SPN400995	37%	99.0%	99.2%
ECO103725	SPY200975	37%	99.0%	99.4%
ECO103725	UUR100506	32%	94.7%	95.0%
ECO103725	VCH100188	71%	100%	99.9%
ECO103725	YPS001400	88%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103734	BAN107067	35%	96.2%	99.0%
ECO103734	BAN107697	38%	95.6%	99.7%
ECO103734	BFR103658	39%	97.0%	83.2%
ECO103734	BFR100902	43%	96.4%	99.7%
ECO103734	BPT102537	45%	95.1%	91.4%
ECO103734	BCE105218	44%	96.7%	99.7%
ECO103734	BFU100843	44%	96.1%	99.0%
ECO103734	BMA100378	44%	96.7%	93.2%
ECO103734	CAC103600	38%	96.2%	81.5%
ECO103734	CBO103824	38%	96.9%	82.5%
ECO103734	CDF101265	39%	96.4%	83.2%
ECO103734	EBC103961	90%	99.7%	100%
ECO103734	EFA200307	41%	96.9%	99.0%
ECO103734	EFM200383	40%	95.7%	98.0%
ECO103734	ECO103734	100%	100%	100%
ECO103734	HIN100708	63%	96.6%	95.8%
ECO103734	KPN303551	90%	99.5%	100%
ECO103734	LPN102588	55%	64.1%	100%
ECO103734	LMO101490	40%	96.2%	98.5%
ECO103734	NGO101892	46%	94.9%	93.0%
ECO103734	NME202048	46%	96.1%	98.7%
ECO103734	PMU101427	62%	97.2%	94.3%
ECO103734	PRT106116	73%	97.0%	99.2%
ECO103734	PAE203342	47%	96.1%	83.4%
ECO103734	PPU100810	48%	97.5%	84.3%
ECO103734	PSY104559	46%	90.8%	83.2%
ECO103734	SPA101175	90%	98.2%	100%
ECO103734	STY102015	94%	99.7%	100%
ECO103734	STM101102	94%	100%	99.3%
ECO103734	SAU800721	37%	96.1%	98.7%
ECO103734	SEP200775	36%	96.4%	99.2%
ECO103734	SHA101682	37%	95.9%	98.6%
ECO103734	TPA100102	32%	59.0%	67.2%
ECO103734	VCH100194	66%	98.2%	96.9%
ECO103734	YPS001354	80%	99.5%	100%
ECO103736	ABA102357	37%	99.3%	76.2%
ECO103736	BPT101441	37%	97.8%	65.6%
ECO103736	BCE108675	40%	97.1%	66.4%
ECO103736	EBC103968	86%	100%	67.0%
ECO103736	ECO103736	100%	100%	100%
ECO103736	KPN305601	88%	100%	67.0%
ECO103736	PAE205244	42%	99.3%	66.0%
ECO103736	PPU105485	39%	98.6%	65.4%
ECO103736	PSY101257	41%	96.4%	64.3%
ECO103736	SPA101173	85%	100%	66.8%
ECO103736	STY102011	88%	100%	67.0%
ECO103736	VCH100135	50%	97.8%	65.9%
ECO103736	YPS001350	75%	98.6%	66.0%
ECO103756	ABA101057	24%	97.4%	67.0%
ECO103756	BPT100580	31%	97.4%	67.5%
ECO103756	BCE107538	31%	97.4%	67.3%
ECO103756	BFU101829	32%	97.4%	67.3%
ECO103756	BFU100980	35%	91.8%	61.4%
ECO103756	BMA108689	31%	97.4%	67.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103756	CPN200966	34%	38.6%	22.0%
ECO103756	CTR200116	32%	38.6%	22.0%
ECO103756	CBO101859	24%	83.3%	65.2%
ECO103756	CBO101032	22%	73.4%	57.6%
ECO103756	CDF100557	28%	47.6%	38.7%
ECO103756	CDP101430	26%	72.5%	45.2%
ECO103756	EBC103300	87%	100%	100%
ECO103756	ECO103756	100%	100%	100%
ECO103756	KPN303516	87%	100%	100%
ECO103756	LPN103089	27%	71.2%	52.8%
ECO103756	MBV104303	27%	87.6%	24.6%
ECO103756	MTU201904	27%	87.6%	24.6%
ECO103756	NGO101111	33%	97.9%	69.0%
ECO103756	NME201430	32%	97.9%	69.0%
ECO103756	PRT105013	67%	100%	100%
ECO103756	PAE205231	30%	98.3%	70.2%
ECO103756	PPU100265	28%	98.3%	87.3%
ECO103756	PSY101307	28%	85.8%	61.5%
ECO103756	SPA101404	90%	100%	100%
ECO103756	STY101987	90%	100%	100%
ECO103756	STM101142	90%	100%	100%
ECO103756	VCH100307	48%	98.7%	99.2%
ECO103756	YPS000586	77%	100%	100%
ECO103766	BAN101805	21%	82.3%	87.6%
ECO103766	BCE107575	42%	96.0%	93.9%
ECO103766	BFU100736	43%	97.6%	91.1%
ECO103766	BMA104037	43%	97.6%	94.5%
ECO103766	EBC101352	80%	100%	100%
ECO103766	ECO103766	100%	100%	100%
ECO103766	KPN300972	80%	100%	100%
ECO103766	LPN100444	22%	73.5%	74.5%
ECO103766	PRT101378	52%	99.4%	99.1%
ECO103766	PAE200485	42%	96.6%	98.5%
ECO103766	PPU105090	44%	96.6%	98.5%
ECO103766	PSY103362	46%	97.6%	99.4%
ECO103766	SPA103893	85%	100%	100%
ECO103766	STY103453	85%	100%	100%
ECO103766	STM101489	85%	100%	100%
ECO103766	VCH100035	55%	100%	96.5%
ECO103766	YPS001282	66%	100%	100%
ECO103775	ABA101332	40%	98.0%	96.7%
ECO103775	BFR10050	31%	33.0%	28.8%
ECO103775	BFR103847	25%	61.0%	49.4%
ECO103775	BFR104769	28%	61.9%	91.3%
ECO103775	BFR102132	26%	65.0%	53.5%
ECO103775	BFR10471	29%	96.0%	71.6%
ECO103775	BPT102677	40%	95.1%	96.3%
ECO103775	BCE114517	37%	80.2%	100%
ECO103775	BFU101390	41%	94.0%	89.2%
ECO103775	BMA104868	42%	96.0%	91.3%
ECO103775	EBC103134	91%	100%	100%
ECO103775	ECO103775	100%	100%	100%
ECO103775	KPN301350	93%	100%	100%
ECO103775	PRT102824	71%	99.7%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103775	PAE205119	46%	96.8%	96.6%
ECO103775	PPU106801	46%	96.8%	95.8%
ECO103775	PSY105821	46%	96.8%	95.8%
ECO103775	SPA103890	90%	100%	100%
ECO103775	STY103418	92%	100%	100%
ECO103775	VCH102709	58%	96.3%	96.0%
ECO103775	YPS001316	86%	100%	100%
ECO103777	ABA101290	72%	99.8%	97.5%
ECO103777	BAN108593	52%	99.5%	96.4%
ECO103777	BAN110377	54%	99.5%	96.2%
ECO103777	BFR12436	51%	99.5%	97.7%
ECO103777	BPT100252	63%	100%	95.0%
ECO103777	BCE107416	64%	99.8%	97.2%
ECO103777	BFU101165	65%	100%	84.5%
ECO103777	BMA100582	65%	100%	97.4%
ECO103777	CJU100039	54%	99.8%	97.7%
ECO103777	CAC100624	56%	99.2%	96.7%
ECO103777	CBO103040	56%	99.2%	96.2%
ECO103777	CDF100332	51%	99.3%	96.4%
ECO103777	CDP100988	46%	99.2%	96.2%
ECO103777	EBC103136	96%	100%	97.4%
ECO103777	EFA200305	53%	99.5%	96.4%
ECO103777	EFM200826	52%	87.6%	97.2%
ECO103777	ECO103777	100%	100%	100%
ECO103777	HIN100844	82%	99.7%	95.8%
ECO103777	HPY100476	53%	99.7%	98.0%
ECO103777	KPN301352	96%	100%	97.4%
ECO103777	LPN100213	68%	99.8%	97.0%
ECO103777	LMO100625	53%	99.2%	96.1%
ECO103777	MCA100597	70%	99.8%	97.1%
ECO103777	MAV106479	46%	98.8%	96.5%
ECO103777	MBV101431	46%	98.8%	96.5%
ECO103777	MLP100924	45%	98.8%	96.5%
ECO103777	MTU201150	46%	98.8%	96.5%
ECO103777	NGO100315	64%	99.8%	97.7%
ECO103777	NME201257	63%	99.8%	97.7%
ECO103777	PMU101173	84%	99.7%	95.8%
ECO103777	PRT102826	86%	100%	95.3%
ECO103777	PAE205112	73%	99.8%	97.5%
ECO103777	PPU101976	72%	99.8%	97.4%
ECO103777	PSY103102	73%	99.8%	97.4%
ECO103777	SPA102685	96%	72.3%	96.8%
ECO103777	STY103413	97%	100%	97.4%
ECO103777	STM101499	96%	100%	97.4%
ECO103777	SAU801109	54%	99.5%	95.6%
ECO103777	SEP200827	55%	99.5%	95.6%
ECO103777	SHA100537	55%	99.5%	95.8%
ECO103777	SMU100076	55%	99.5%	96.1%
ECO103777	SPN400598	56%	99.5%	95.2%
ECO103777	SPY201176	56%	99.2%	95.9%
ECO103777	VCH102705	77%	99.7%	96.7%
ECO103777	YPS001324	89%	100%	97.4%
ECO103780	CDF100620	25%	95.0%	93.8%
ECO103780	CDF104341	33%	98.1%	97.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103780	ECO103780	100%	100%	100%
ECO103780	MGE100300	21%	89.8%	86.5%
ECO103780	MPN100420	19%	87.6%	84.8%
ECO103780	PRT102426	49%	96.0%	97.1%
ECO103780	YPS000405	48%	96.0%	98.1%
ECO103781	ECO103781	100%	100%	100%
ECO103781	SPA102688	86%	100%	73.5%
ECO103781	STY104820	87%	100%	100%
ECO103785	CAC101851	25%	48.4%	48.5%
ECO103785	CDP101064	30%	87.3%	89.2%
ECO103785	ECO103785	100%	100%	100%
ECO103785	MCA102158	31%	17.2%	91.5%
ECO103785	MAV107238	22%	71.4%	75.3%
ECO103785	SPA103927	54%	94.2%	98.9%
ECO103785	STY103395	53%	84.4%	98.8%
ECO103785	SMU100438	30%	26.9%	28.5%
ECO103797	BCE112972	41%	91.9%	79.9%
ECO103797	BFU111330	38%	95.8%	94.0%
ECO103797	BMA105326	39%	97.7%	93.5%
ECO103797	EBC103442	90%	100%	100%
ECO103797	ECO103797	100%	100%	100%
ECO103797	HIN100008	50%	99.4%	99.3%
ECO103797	KPN302470	91%	100%	100%
ECO103797	PMU100405	52%	98.7%	98.7%
ECO103797	PRT102687	64%	99.4%	100%
ECO103797	PAE204805	40%	92.2%	94.2%
ECO103797	PPU104433	39%	92.6%	91.8%
ECO103797	SPA103932	91%	99.0%	100%
ECO103797	STY103328	93%	100%	100%
ECO103797	YPS003285	68%	99.4%	100%
ECO103798	BPT101903	30%	93.4%	52.7%
ECO103798	BCE109548	55%	92.4%	94.7%
ECO103798	BFU111328	52%	95.7%	93.6%
ECO103798	BMA100819	55%	92.4%	94.7%
ECO103798	EBC103443	92%	100%	100%
ECO103798	ECO103798	100%	100%	100%
ECO103798	KPN302473	94%	100%	100%
ECO103798	LPN100501	33%	25.1%	44.4%
ECO103798	PRT102688	63%	99.5%	96.3%
ECO103798	PPU104432	48%	95.7%	93.6%
ECO103798	PSY102851	23%	28.0%	81.1%
ECO103798	SPA103931	96%	100%	100%
ECO103798	STY103324	96%	100%	100%
ECO103798	YPS003289	79%	99.5%	93.8%
ECO103807	BFR101151	29%	45.2%	47.9%
ECO103807	BFU111580	39%	92.3%	96%
ECO103807	BMA109843	40%	38.5%	35.7%
ECO103807	CJU100453	27%	75%	75.2%
ECO103807	EBC104478	84%	99.0%	99.0%
ECO103807	EFA201217	53%	99.0%	100%
ECO103807	EFM101566	50%	99.0%	100%
ECO103807	ECO103807	100%	100%	100%
ECO103807	KPN302365	86%	99.0%	99.0%
ECO103807	LMO101722	49%	99.0%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103807	SPA101051	83%	98.1%	100%
ECO103807	STY103282	91%	99.0%	99.0%
ECO103807	YPS003339	77%	99.0%	99.0%
ECO103809	EBC104517	91%	99.0%	99.0%
ECO103809	EFA201219	57%	99.3%	97.0%
ECO103809	EFM101564	56%	98.8%	99.0%
ECO103809	ECO103809	100%	100%	100%
ECO103809	KPN302368	91%	100%	100%
ECO103809	LMO100814	56%	99.3%	99.0%
ECO103809	PAE202061	29%	21.5%	22.6%
ECO103809	SPA100408	90%	74.0%	100%
ECO103809	STY103273	93%	99.8%	99.8%
ECO103809	YPS003349	85%	99.8%	100%
ECO103820	EBC106068	81%	97.5%	72.6%
ECO103820	ECO103820	100%	100%	100%
ECO103820	KPN302369	81%	97.5%	70.8%
ECO103820	PRT100357	54%	85.2%	56.4%
ECO103820	SPA101676	94%	100%	73.5%
ECO103820	STY103224	93%	100%	73.5%
ECO103820	STM101595	94%	100%	73.5%
ECO103820	VCH102654	30%	77.0%	60.5%
ECO103820	YPS001584	62%	91.8%	69.1%
ECO103831	BAN108705	40%	97.3%	98.1%
ECO103831	BAN102104	49%	97.3%	98.1%
ECO103831	BPT105757	35%	17.6%	17.3%
ECO103831	BFU109396	38%	13.1%	40.4%
ECO103831	CAC101874	45%	96.1%	96.9%
ECO103831	CBO103264	44%	96.4%	97.2%
ECO103831	CDP100933	44%	96.4%	92.3%
ECO103831	EBC104507	90%	100%	100%
ECO103831	ECO103831	100%	100%	100%
ECO103831	HIN100648	69%	96.7%	97.6%
ECO103831	KPN300578	91%	43.2%	93.5%
ECO103831	KPN302251	91%	100%	100%
ECO103831	MAV100810	42%	96.4%	86.9%
ECO103831	MBV104392	43%	96.4%	86.2%
ECO103831	MLP101184	41%	95.2%	93.9%
ECO103831	MTU201084	42%	95.2%	93.9%
ECO103831	PMU101482	71%	97.6%	97.3%
ECO103831	PRT105964	53%	94.9%	97.9%
ECO103831	PAE201167	35%	19.9%	62.3%
ECO103831	SPA100765	90%	86.6%	100%
ECO103831	STY103133	94%	100%	91.8%
ECO103831	VCH102651	80%	100%	100%
ECO103832	ABA103732	71%	98.8%	98.8%
ECO103832	BAN107568	53%	40.4%	91.4%
ECO103832	BAN110463	64%	78.7%	99.7%
ECO103832	BPT102742	54%	99.0%	98.4%
ECO103832	BBU100240	55%	98.2%	98.4%
ECO103832	BCE105610	30%	98.8%	98.4%
ECO103832	BFU103471	60%	99.0%	99.4%
ECO103832	BMA108603	60%	99.0%	95.8%
ECO103832	CAC100927	66%	98.8%	99.8%
ECO103832	CBO103256	64%	99.2%	97.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103832	CDF103106	65%	99.6%	98.8%
ECO103832	CDP100653	49%	99.2%	99.8%
ECO103832	EBC104504	94%	100%	100%
ECO103832	EFA202255	57%	97.8%	97.8%
ECO103832	EFM201617	57%	95.4%	99.8%
ECO103832	ECO103832	100%	100%	100%
ECO103832	HIN100672	76%	100%	99.8%
ECO103832	KPN300967	93%	100%	99.8%
ECO103832	LPN100925	43%	97.8%	99.0%
ECO103832	LMO101597	63%	98.8%	99.8%
ECO103832	MAV103198	53%	98.6%	98.6%
ECO103832	MBV104620	52%	98.0%	99.6%
ECO103832	MLP101379	51%	98.2%	98.2%
ECO103832	MTU203642	52%	98.0%	96.3%
ECO103832	MGE100038	46%	99.4%	99.4%
ECO103832	MPN100104	47%	99.4%	99.4%
ECO103832	PMU101446	77%	100%	100%
ECO103832	PRT101873	83%	99.2%	97.8%
ECO103832	PAE203580	77%	98.8%	98.2%
ECO103832	PPU101510	73%	99.4%	98.8%
ECO103832	PSY105188	74%	99.2%	98.2%
ECO103832	SPA101671	94%	99.8%	100%
ECO103832	STY103131	95%	100%	100%
ECO103832	SAU801301	61%	98.6%	99.4%
ECO103832	SEP201925	60%	99.2%	99.8%
ECO103832	SHA100389	60%	99.2%	99.8%
ECO103832	SPN401988	56%	100%	100%
ECO103832	SPY201295	56%	100%	98.8%
ECO103832	VCH103465	79%	99.0%	98.4%
ECO103832	YPS003517	40%	97.2%	98.0%
ECO103833	BAN104073	33%	90.7%	89.0%
ECO103833	BAN113128	35%	84.7%	82.4%
ECO103833	BBU100239	34%	85.4%	92.9%
ECO103833	BCE106343	34%	86.5%	96.6%
ECO103833	BFU103519	34%	85.4%	95.8%
ECO103833	BMA100563	35%	87.9%	98.3%
ECO103833	CAC100464	29%	88.6%	98.3%
ECO103833	CBO103391	35%	85.4%	96.6%
ECO103833	CDP100666	31%	82.6%	92.3%
ECO103833	EBC104502	90%	100%	100%
ECO103833	EFA202259	33%	87.9%	97.5%
ECO103833	EFM202473	33%	87.5%	97.5%
ECO103833	ECO103833	100%	100%	100%
ECO103833	HIN100671	73%	91.5%	97.3%
ECO103833	KPN300234	87%	31.7%	90.1%
ECO103833	KPN300966	86%	100%	100%
ECO103833	LMO100437	38%	90.7%	88.6%
ECO103833	MCA100082	26%	48.0%	28.5%
ECO103833	MGE100033	25%	83.6%	89.9%
ECO103833	MPN100111	28%	87.5%	95.5%
ECO103833	PMU101445	70%	91.1%	97.7%
ECO103833	PRT103927	70%	95.0%	98.9%
ECO103833	PAE203579	74%	91.5%	92.1%
ECO103833	PPU101511	73%	90.7%	90.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103833	PSY105186	70%	94.3%	93.0%
ECO103833	SPA101670	90%	100%	100%
ECO103833	STY103129	93%	100%	100%
ECO103833	SAU801300	36%	85.4%	83.1%
ECO103833	SEP201923	34%	85.4%	82.5%
ECO103833	SHA100072	35%	82.9%	94.8%
ECO103833	SMU100734	27%	90.4%	99.0%
ECO103833	SPN401985	32%	87.2%	98.7%
ECO103833	SPY201293	34%	85.1%	96.6%
ECO103833	YPS001686	82%	99.3%	100%
ECO103844	EBC104495	93%	100%	100%
ECO103844	ECO103844	100%	100%	100%
ECO103844	HIN100280	81%	100%	100%
ECO103844	KPN303238	94%	100%	100%
ECO103844	PMU101290	82%	100%	100%
ECO103844	PRT100952	90%	100%	100%
ECO103844	SPA103063	99%	100%	100%
ECO103844	STY103105	99%	100%	100%
ECO103844	VCH102645	80%	99.0%	99.0%
ECO103844	YPS001438	89%	100%	100%
ECO103848	ABA106113	74%	97.9%	99.2%
ECO103848	BCE103653	62%	98.1%	91.7%
ECO103848	BFU103608	66%	67.9%	69.4%
ECO103848	BFU106833	62%	99.9%	99.9%
ECO103848	BMA101880	63%	97.9%	96.5%
ECO103848	EBC104151	88%	98.3%	100%
ECO103848	ECO103848	100%	100%	100%
ECO103848	KPN300177	74%	16.7%	100%
ECO103848	KPN300043	76%	17.8%	100%
ECO103848	KPN305053	81%	99.9%	100%
ECO103848	LPN100923	60%	72.2%	33.8%
ECO103848	MAV104586	74%	8.0%	96.7%
ECO103848	MAV103801	61%	93.7%	99.4%
ECO103848	MBV102908	59%	72.6%	48.8%
ECO103848	MTU201875	56%	98.3%	97.8%
ECO103848	PPU110377	62%	97.9%	99.2%
ECO103848	PSY104811	60%	97.9%	99.2%
ECO103848	SPA100154	87%	60.3%	100%
ECO103848	STY102770	91%	100%	100%
ECO103848	STM101990	91%	99.9%	99.9%
ECO103848	VCH101536	60%	99.0%	99.7%
ECO103848	YPS003545	55%	96.4%	96.6%
ECO103866	ABA105335	48%	99.3%	98.9%
ECO103866	BAN111700	49%	98.7%	97.4%
ECO103866	BFR11698	36%	79.6%	81.2%
ECO103866	BPT101112	47%	97.2%	88.2%
ECO103866	BCE104584	44%	99.3%	97.4%
ECO103866	BFU101867	44%	99.1%	97.4%
ECO103866	BMA104709	44%	99.3%	97.4%
ECO103866	CJU100861	44%	97.8%	97.0%
ECO103866	CAC102675	48%	94.7%	98.6%
ECO103866	CBO101455	47%	95.6%	97.8%
ECO103866	CDF100712	48%	95.6%	98.6%
ECO103866	CDP101009	39%	97.6%	93.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103866	EBC104143	92%	100%	100%
ECO103866	ECO103866	100%	100%	100%
ECO103866	HIN100791	73%	99.6%	99.6%
ECO103866	KPN305541	94%	99.8%	99.8%
ECO103866	LPN103302	50%	88.0%	97.8%
ECO103866	LMO101296	47%	99.3%	99.3%
ECO103866	MCA102161	46%	99.6%	97.4%
ECO103866	MAV103294	42%	98.0%	94.9%
ECO103866	MBV100214	41%	99.6%	97.4%
ECO103866	MLP100878	41%	99.1%	96.4%
ECO103866	MTU201638	41%	99.6%	97.4%
ECO103866	NGO100829	49%	96.7%	96.3%
ECO103866	NME200783	49%	96.7%	96.3%
ECO103866	PMU101120	76%	99.8%	99.8%
ECO103866	PRT102422	83%	99.8%	99.1%
ECO103866	PAE205258	48%	97.8%	96.1%
ECO103866	PPU100005	48%	99.1%	97.4%
ECO103866	PSY101221	49%	99.1%	97.4%
ECO103866	SPA102618	94%	99.3%	100%
ECO103866	STY102740	94%	99.8%	99.6%
ECO103866	STM102018	94%	99.8%	99.6%
ECO103866	SAU800960	48%	99.1%	98.5%
ECO103866	SEP200167	47%	99.1%	97.6%
ECO103866	SHA101569	47%	99.1%	96.4%
ECO103866	SMU100664	46%	99.3%	98.5%
ECO103866	SPN400103	46%	98.7%	97.2%
ECO103866	VCH102604	74%	99.8%	99.6%
ECO103866	YPS001797	89%	99.8%	99.8%
ECO103873	ABA103721	37%	85.1%	90.5%
ECO103873	BAN108866	23%	75.1%	87.0%
ECO103873	BAN105656	28%	74.7%	79.6%
ECO103873	BAN103658	32%	74.7%	79.6%
ECO103873	BAN100164	33%	75.1%	77.9%
ECO103873	BFR102236	33%	79.9%	84.6%
ECO103873	BBU100100	29%	64.7%	68.6%
ECO103873	BCE107277	37%	71.3%	97.1%
ECO103873	BFU109172	34%	74.4%	82.5%
ECO103873	BMA106607	38%	76.1%	74.8%
ECO103873	CJU101558	32%	79.6%	89.6%
ECO103873	CAC101362	34%	66.4%	74.2%
ECO103873	CBO102188	34%	71.6%	78.5%
ECO103873	CDF101024	32%	74.4%	79.5%
ECO103873	CDP101353	34%	72.0%	77.4%
ECO103873	EBC101695	90%	90.0%	100%
ECO103873	EFA201433	30%	74.7%	77.8%
ECO103873	EFM201002	30%	74.0%	76.5%
ECO103873	ECO103873	100%	100%	100%
ECO103873	HIN101705	49%	91.7%	98.1%
ECO103873	HPY100542	28%	65.4%	73.3%
ECO103873	KPN308897	87%	83.7%	100%
ECO103873	LPN100405	36%	75.1%	76.7%
ECO103873	LMO101688	31%	82.7%	88.3%
ECO103873	MCA100045	34%	79.6%	81.4%
ECO103873	MAV103533	34%	76.1%	80.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103873	MBV101876	33%	79.2%	86.0%
ECO103873	MLP100726	34%	78.5%	84.9%
ECO103873	MTU201321	33%	79.2%	86.0%
ECO103873	NGO101679	33%	75.1%	79.6%
ECO103873	NME201872	34%	75.1%	79.6%
ECO103873	PMU100917	52%	90.3%	96.7%
ECO103873	PRT105607	66%	97.9%	100%
ECO103873	PAE204659	41%	84.8%	92.1%
ECO103873	PPU109719	38%	84.8%	92.1%
ECO103873	PSY106535	42%	74.0%	77.1%
ECO103873	SPA103848	85%	42.9%	100%
ECO103873	STY102718	91%	90.0%	100%
ECO103873	STM102035	91%	97.9%	100%
ECO103873	SAU801151	31%	74.0%	80.1%
ECO103873	SEP200875	30%	74.0%	79.8%
ECO103873	SHA100464	29%	74.0%	80.1%
ECO103873	SMU100491	31%	74.0%	79.9%
ECO103873	SPN401694	30%	74.0%	79.9%
ECO103873	SPY200261	33%	74.0%	79.9%
ECO103873	TPA100402	36%	72.0%	77.6%
ECO103873	VCH100156	49%	91.7%	97.4%
ECO103873	YPS001748	71%	97.9%	100%
ECO103878	ABA100233	85%	33.5%	98.5%
ECO103878	ABA100062	85%	99.5%	99.5%
ECO103878	BAN106076	75%	99.7%	99.7%
ECO103878	BFR12122	72%	99.7%	99.7%
ECO103878	BPT100044	81%	99.7%	99.7%
ECO103878	BPT100847	81%	99.7%	99.7%
ECO103878	BBU100475	64%	99.7%	98.0%
ECO103878	BCE112288	75%	15.5%	98.4%
ECO103878	BCE106056	83%	52.5%	100%
ECO103878	BCE108906	81%	99.7%	99.7%
ECO103878	BFU100267	74%	37.3%	99.3%
ECO103878	BFU100847	80%	99.7%	99.7%
ECO103878	BMA107343	79%	95.9%	100%
ECO103878	BMA106305	80%	99.7%	99.7%
ECO103878	CJU100435	73%	99.7%	99.7%
ECO103878	CPN200689	69%	99.5%	99.5%
ECO103878	CTR200588	68%	100%	98.7%
ECO103878	CAC103049	73%	99.7%	99.7%
ECO103878	CBO100671	69%	10.9%	95.6%
ECO103878	CBO101209	75%	59.1%	100%
ECO103878	CBO101304	73%	99.5%	99.5%
ECO103878	CDF100547	74%	99.7%	95.9%
ECO103878	CDP100912	72%	99.7%	99.7%
ECO103878	EBC101615	99%	33.8%	99.3%
ECO103878	EBC100362	98%	47.7%	100%
ECO103878	EBC102891	98%	99.7%	99.7%
ECO103878	EFA202006	77%	99.7%	99.7%
ECO103878	EFM100161	75%	71.3%	100%
ECO103878	ECO103262	100%	99.7%	99.7%
ECO103878	ECO103878	100%	100%	100%
ECO103878	HIN100558	92%	99.7%	99.7%
ECO103878	HIN100613	92%	99.7%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103878	HPY101188	73%	99.7%	99.7%
ECO103878	KPN300520	98%	23.6%	100%
ECO103878	KPN300653	98%	79.9%	99.7%
ECO103878	KPN300869	98%	99.7%	99.7%
ECO103878	LMO102516	74%	99.5%	99.5%
ECO103878	MCA100162	82%	99.5%	99.5%
ECO103878	MAV102941	75%	99.7%	99.7%
ECO103878	MBV103318	74%	99.7%	99.7%
ECO103878	MLP101139	75%	99.7%	99.7%
ECO103878	MTU200682	74%	99.7%	99.7%
ECO103878	MGE100460	69%	99.7%	99.7%
ECO103878	MPN100177	70%	99.7%	99.7%
ECO103878	NGO101673	83%	100%	100%
ECO103878	NGO101620	83%	100%	100%
ECO103878	NME200128	84%	100%	100%
ECO103878	NME200143	84%	100%	100%
ECO103878	PMU101746	92%	99.7%	99.7%
ECO103878	PMU101357	92%	99.7%	99.7%
ECO103878	PRT100737	95%	24.6%	100%
ECO103878	PRT100321	94%	99.7%	99.7%
ECO103878	PAE204275	84%	99.7%	99.7%
ECO103878	PAE204263	84%	99.7%	99.7%
ECO103878	PPU104463	78%	76.6%	99.7%
ECO103878	PPU104501	77%	99.7%	99.7%
ECO103878	PSY107231	77%	100%	100%
ECO103878	SPA104331	98%	39.3%	99.4%
ECO103878	SPA102798	99%	99.7%	99.7%
ECO103878	STY101782	99%	99.7%	99.7%
ECO103878	STY102689	99%	99.7%	99.7%
ECO103878	STM102043	99%	99.7%	99.7%
ECO103878	SAU800548	75%	99.7%	99.7%
ECO103878	SEP200072	75%	99.5%	99.5%
ECO103878	SHA101389	75%	99.7%	99.7%
ECO103878	SMU101538	73%	99.5%	99.5%
ECO103878	SPN401342	72%	99.5%	99.5%
ECO103878	SPY200441	72%	99.5%	99.5%
ECO103878	TPA100185	69%	99.7%	79.6%
ECO103878	UUR100528	71%	99.2%	99.2%
ECO103878	VCH100316	87%	100%	100%
ECO103878	VCH100357	87%	100%	100%
ECO103878	YPS000510	93%	99.7%	99.7%
ECO103878	YPS001855	95%	100%	100%
ECO103880	ABA101112	59%	96.1%	98.3%
ECO103880	BAN107620	45%	96.7%	98.9%
ECO103880	BFR10520	43%	99.4%	99.4%
ECO103880	BPT100046	60%	96.1%	98.3%
ECO103880	BBU100393	38%	96.1%	98.4%
ECO103880	BCE106900	60%	99.4%	99.5%
ECO103880	BFU104521	61%	99.4%	99.5%
ECO103880	BMA104447	62%	96.1%	94.1%
ECO103880	CJU100438	41%	95.6%	96.6%
ECO103880	CPN200687	39%	95.6%	94.5%
ECO103880	CTR200586	40%	95.6%	94.5%
ECO103880	CAC102306	39%	99.4%	98.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103880	CBO103872	40%	99.4%	98.9%
ECO103880	CDF104265	38%	99.4%	99.4%
ECO103880	CDP100848	37%	95.0%	71.9%
ECO103880	EBC102887	97%	100%	100%
ECO103880	EFA200831	38%	97.8%	97.8%
ECO103880	EFM202000	42%	90.6%	98.8%
ECO103880	ECO103880	100%	100%	100%
ECO103880	HIN100696	75%	96.7%	94.6%
ECO103880	HPY101186	41%	95.0%	97.2%
ECO103880	KPN300526	98%	51.4%	100%
ECO103880	LMO102609	45%	96.7%	98.9%
ECO103880	MCA100998	58%	95.6%	98.3%
ECO103880	MAV102335	42%	95.0%	73.8%
ECO103880	MBV103155	41%	95.0%	79.4%
ECO103880	MLP101155	40%	95.0%	82.9%
ECO103880	MTU200636	41%	95.0%	79.4%
ECO103880	MGE100054	20%	45.3%	26.6%
ECO103880	MPN100087	21%	45.3%	26.2%
ECO103880	NGO101670	61%	96.1%	97.8%
ECO103880	NME200141	61%	96.1%	97.8%
ECO103880	PMU101744	80%	96.7%	95.6%
ECO103880	PRT103295	93%	99.4%	99.4%
ECO103880	PAE204273	72%	96.1%	98.3%
ECO103880	PPU108806	72%	96.1%	98.3%
ECO103880	PSY103335	72%	96.7%	98.9%
ECO103880	SPA102796	98%	100%	100%
ECO103880	STY102686	99%	100%	100%
ECO103880	STM102044	99%	100%	100%
ECO103880	SAU800535	40%	98.3%	97.8%
ECO103880	SEP201880	40%	98.3%	97.8%
ECO103880	SHA101487	40%	98.3%	97.8%
ECO103880	SMU100495	35%	95.0%	95.5%
ECO103880	SPN401818	36%	95.0%	92.9%
ECO103880	SPY200119	35%	98.3%	98.3%
ECO103880	TPA100233	39%	95.6%	97.8%
ECO103880	UUR100588	17%	96.1%	87.2%
ECO103880	VCH100318	86%	99.4%	98.9%
ECO103880	YPS000502	97%	99.4%	99.4%
ECO103881	ABA106058	70%	99.3%	99.3%
ECO103881	BAN106044	64%	79.6%	98.2%
ECO103881	BFR10521	54%	99.3%	95.2%
ECO103881	BPT100048	66%	99.3%	98.6%
ECO103881	BBU100392	49%	97.9%	97.2%
ECO103881	BCE100591	66%	99.3%	98.6%
ECO103881	BFU104508	68%	99.3%	92.8%
ECO103881	BMA106139	68%	99.3%	98.6%
ECO103881	CJU100439	61%	100%	100%
ECO103881	CPN200686	55%	97.9%	97.9%
ECO103881	CTR200585	55%	97.9%	97.9%
ECO103881	CAC101038	66%	100%	100%
ECO103881	CBO102195	65%	100%	100%
ECO103881	CDF104047	64%	100%	100%
ECO103881	CDP100850	60%	97.9%	97.2%
ECO103881	EBC102886	98%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103881	EFA200839	65%	99.3%	100%
ECO103881	ECO103881	100%	100%	100%
ECO103881	HIN100496	87%	100%	100%
ECO103881	HPY101185	56%	100%	100%
ECO103881	KPN300527	99%	100%	100%
ECO103881	LMO100036	65%	100%	100%
ECO103881	MCA100999	68%	99.3%	98.6%
ECO103881	MAV102318	63%	97.9%	97.2%
ECO103881	MBV103157	61%	97.9%	97.2%
ECO103881	MLP101154	61%	97.9%	97.2%
ECO103881	MTU200637	61%	97.9%	97.2%
ECO103881	MGE100083	44%	100%	100%
ECO103881	MPN100612	43%	98.6%	98.5%
ECO103881	NGO101667	68%	99.3%	97.9%
ECO103881	NME200140	68%	99.3%	97.9%
ECO103881	PMU101743	85%	100%	100%
ECO103881	PAE204272	74%	99.3%	98.6%
ECO103881	PPU104469	70%	99.3%	98.6%
ECO103881	PSY106552	70%	99.3%	95.9%
ECO103881	SPA107834	98%	62.7%	90.7%
ECO103881	STY102683	100%	100%	100%
ECO103881	STM102055	100%	100%	100%
ECO103881	SAU800537	67%	99.3%	100%
ECO103881	SEP201881	66%	99.3%	100%
ECO103881	SHA101488	66%	100%	100%
ECO103881	SMU101147	64%	100%	100%
ECO103881	SPN400555	65%	100%	100%
ECO103881	SPY200329	64%	100%	100%
ECO103881	TPA100234	56%	97.9%	95.2%
ECO103881	UUR100547	47%	97.9%	89.3%
ECO103881	VCH100319	86%	99.3%	99.3%
ECO103881	YPS000498	90%	99.3%	99.3%
ECO103882	ABA104945	63%	98.3%	99.6%
ECO103882	BAN101496	53%	40.2%	100%
ECO103882	BAN103921	41%	97.9%	100%
ECO103882	BFR10522	48%	96.2%	97.0%
ECO103882	BPT100050	65%	99.1%	100%
ECO103882	BBU100391	43%	96.2%	98.2%
ECO103882	BCE101116	67%	98.7%	99.6%
ECO103882	BFU100848	67%	98.7%	99.6%
ECO103882	BMA108405	67%	98.7%	99.6%
ECO103882	CJU100440	50%	96.2%	96.6%
ECO103882	CPN200685	46%	99.1%	100%
ECO103882	CTR200584	50%	98.7%	99.6%
ECO103882	CAC102626	52%	90.2%	92.6%
ECO103882	CBO103496	54%	90.2%	92.6%
ECO103882	CDF100546	52%	97.0%	98.3%
ECO103882	CDP100852	49%	96.2%	95.7%
ECO103882	EBC102885	97%	100%	100%
ECO103882	EFA200840	54%	97.0%	99.1%
ECO103882	ECO103882	100%	100%	100%
ECO103882	HIN100495	85%	97.9%	100%
ECO103882	HPY101184	50%	95.3%	95.3%
ECO103882	KPN300590	94%	51.7%	96.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103882	LMO100406	51%	97.9%	100%
ECO103882	MCA101000	65%	96.2%	96.6%
ECO103882	MAV102320	49%	96.2%	95.7%
ECO103882	MBV103159	48%	96.2%	99.1%
ECO103882	MLP101153	49%	96.2%	95.7%
ECO103882	MTU200638	48%	96.2%	95.7%
ECO103882	MGE100084	43%	95.7%	98.2%
ECO103882	MPN100611	44%	95.7%	98.2%
ECO103882	NGO101665	68%	98.3%	99.6%
ECO103882	NME200139	68%	98.3%	99.6%
ECO103882	PMU101742	84%	97.9%	100%
ECO103882	PAE204271	71%	98.7%	100%
ECO103882	PPU104471	70%	98.3%	99.6%
ECO103882	PSY103536	71%	98.7%	100%
ECO103882	SPA102795	97%	100%	100%
ECO103882	STY102680	98%	100%	100%
ECO103882	STM102056	98%	100%	100%
ECO103882	SAU800538	52%	97.0%	98.7%
ECO103882	SEP201882	54%	96.2%	97.4%
ECO103882	SHA101489	53%	96.2%	97.4%
ECO103882	SMU101145	56%	96.2%	98.3%
ECO103882	SPN400556	54%	96.2%	98.3%
ECO103882	SPY200330	57%	97.9%	100%
ECO103882	TPA100235	39%	94.9%	96.9%
ECO103882	UUR100546	41%	95.7%	97.8%
ECO103882	VCH100320	90%	99.6%	100%
ECO103882	YPS000494	91%	100%	100%
ECO103883	ABA104908	46%	99.4%	98.2%
ECO103883	BAN106254	36%	98.8%	97.6%
ECO103883	BAN101384	36%	98.8%	97.6%
ECO103883	BFR101778	26%	84.2%	82.4%
ECO103883	BPT104548	42%	100%	100%
ECO103883	BBU100390	29%	81.2%	78.6%
ECO103883	BCE110567	42%	99.4%	98.2%
ECO103883	BFU104512	40%	97.6%	79.1%
ECO103883	BMA104533	40%	98.2%	87.0%
ECO103883	CJU100441	30%	95.8%	96.9%
ECO103883	CAC103420	36%	97.6%	95.2%
ECO103883	CBO103649	34%	99.4%	98.2%
ECO103883	CDF100545	34%	97.6%	93.2%
ECO103883	CDP100855	33%	85.5%	87.7%
ECO103883	EFA200841	34%	94.5%	93.4%
ECO103883	EFM100720	38%	94.5%	92.8%
ECO103883	ECO103883	100%	100%	100%
ECO103883	HIN100621	78%	100%	99.4%
ECO103883	KPN304658	98%	100%	100%
ECO103883	LMO101102	37%	98.8%	97.6%
ECO103883	MCA101001	81%	99.4%	98.2%
ECO103883	MAV102938	32%	95.8%	85.2%
ECO103883	MBV100919	31%	94.5%	92.7%
ECO103883	MLP101148	31%	94.5%	93.2%
ECO103883	MTU200648	31%	94.5%	92.7%
ECO103883	MGE100371	21%	95.2%	96.9%
ECO103883	MPN100304	23%	95.2%	97.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103883	NGO101663	43%	98.2%	96.4%
ECO103883	NME200138	43%	98.2%	96.4%
ECO103883	PMU101739	80%	100%	99.4%
ECO103883	PRT103043	87%	100%	100%
ECO103883	PAE204270	68%	100%	98.8%
ECO103883	PPU104473	71%	99.4%	83.6%
ECO103883	PSY103338	69%	100%	98.8%
ECO103883	SPA102794	96%	100%	100%
ECO103883	STY102677	98%	100%	100%
ECO103883	STM102057	98%	100%	100%
ECO103883	SAU800539	34%	98.8%	97.6%
ECO103883	SEP201883	34%	98.8%	97.6%
ECO103883	SHA101633	33%	98.8%	97.6%
ECO103883	SMU100974	35%	97.0%	95.2%
ECO103883	SPN401211	36%	95.8%	94.6%
ECO103883	SPY200814	38%	91.5%	90.4%
ECO103883	TPA100236	33%	94.5%	86.1%
ECO103883	VCH100321	76%	100%	100%
ECO103883	YPS000491	90%	100%	100%
ECO103884	ABA105381	65%	69.4%	100%
ECO103884	BAN106592	54%	98.3%	100%
ECO103884	BAN112078	60%	98.3%	100%
ECO103884	BFR106071	59%	92.6%	93.5%
ECO103884	BPT104549	62%	100%	100%
ECO103884	BBU100389	55%	100%	100%
ECO103884	BCE104254	64%	100%	100%
ECO103884	BFU104514	62%	100%	100%
ECO103884	BMA108492	62%	100%	100%
ECO103884	CJU100442	58%	100%	100%
ECO103884	CPN200683	42%	95.9%	93.8%
ECO103884	CTR200582	43%	95.9%	93.8%
ECO103884	CAC103770	57%	98.3%	100%
ECO103884	CBO100998	60%	96.7%	98.4%
ECO103884	CDF100554	57%	100%	99.2%
ECO103884	CDP100862	58%	98.3%	97.6%
ECO103884	EBC100455	97%	100%	100%
ECO103884	EFA200842	59%	100%	100%
ECO103884	EFM100721	58%	100%	100%
ECO103884	ECO103884	100%	100%	100%
ECO103884	HIN100622	81%	100%	100%
ECO103884	HPY101182	54%	100%	100%
ECO103884	KPN205542	97%	100%	100%
ECO103884	LMO102795	57%	100%	100%
ECO103884	MCA101002	66%	100%	100%
ECO103884	MAV102937	48%	98.3%	97.7%
ECO103884	MBV100917	49%	98.3%	97.7%
ECO103884	MLP101147	45%	98.3%	97.7%
ECO103884	MTU200649	49%	98.3%	97.7%
ECO103884	MGE100372	42%	98.3%	97.5%
ECO103884	MPN100303	42%	98.3%	97.5%
ECO103884	NGO101640	62%	100%	100%
ECO103884	NME200137	63%	100%	100%
ECO103884	PMU101738	82%	100%	100%
ECO103884	PRT100056	90%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103884	PAE204269	65%	100%	100%
ECO103884	PPU104475	60%	100%	100%
ECO103884	PSY108092	59%	52.9%	100%
ECO103884	SPA107849	97%	100%	100%
ECO103884	STY102674	97%	100%	100%
ECO103884	STM107215	97%	100%	100%
ECO103884	SAU800540	58%	95.9%	96.7%
ECO103884	SEP201884	57%	96.7%	97.5%
ECO103884	SHA101634	58%	96.7%	97.5%
ECO103884	SMU100975	52%	100%	100%
ECO103884	SPN401210	51%	100%	96.1%
ECO103884	SPY200815	50%	100%	100%
ECO103884	TPA100237	51%	98.3%	97.7%
ECO103884	UUR100009	48%	97.5%	96.7%
ECO103884	VCH100322	76%	100%	100%
ECO103884	YPS005201	79%	99.2%	98.4%
ECO103885	ABA104003	70%	99.9%	99.9%
ECO103885	BAN107104	42%	30.0%	22.8%
ECO103885	BAN105134	45%	99.3%	96.3%
ECO103885	BFR12467	43%	97.5%	100%
ECO103885	BPT100051	64%	99.9%	99.3%
ECO103885	BBU100388	46%	99.4%	98.3%
ECO103885	BCE104307	65%	99.9%	99.9%
ECO103885	BFU100849	65%	84.8%	98.6%
ECO103885	BMA104886	65%	99.9%	99.9%
ECO103885	CJU100443	47%	99.3%	98.8%
ECO103885	CPN200682	45%	98.4%	97.8%
ECO103885	CTR200581	45%	98.8%	99.0%
ECO103885	CAC102610	47%	99.8%	93.2%
ECO103885	CBO100154	46%	99.8%	93.9%
ECO103885	CDF100552	48%	100%	93.8%
ECO103885	CDP100874	56%	9.5%	0.9%
ECO103885	EBC101233	97%	80.3%	99.9%
ECO103885	EFA200805	46%	99.4%	94.1%
ECO103885	EFM202205	48%	99.4%	93.8%
ECO103885	ECO103885	100%	100%	100%
ECO103885	HIN100494	83%	100%	100%
ECO103885	HPY101181	46%	99.3%	47.2%
ECO103885	KPN302483	98%	94.6%	100%
ECO103885	LPN101720	87%	5.2%	100%
ECO103885	LMO101542	47%	99.3%	95.7%
ECO103885	MCA101003	68%	100%	99.9%
ECO103885	MAV102933	58%	9.5%	0.9%
ECO103885	MBV100910	57%	9.5%	0.9%
ECO103885	MLP101145	58%	9.5%	0.8%
ECO103885	MTU200664	57%	9.5%	0.9%
ECO103885	MGE100350	44%	8.0%	0.9%
ECO103885	MPN100326	33%	98.8%	96.0%
ECO103885	NGO101637	64%	99.9%	57.3%
ECO103885	NME200136	64%	99.9%	99.9%
ECO103885	PMU101737	86%	100%	100%
ECO103885	PRT104687	92%	91.4%	54.6%
ECO103885	PAE204268	73%	100%	100%
ECO103885	PPU104497	71%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103885	PSY103339	71%	100%	100%
ECO103885	SPA102792	97%	48.6%	100%
ECO103885	STY102671	98%	100%	100%
ECO103885	STM102058	98%	100%	100%
ECO103885	SAU800542	53%	6.9%	0.8%
ECO103885	SEP201886	53%	6.9%	0.8%
ECO103885	SHA101636	48%	99.1%	100%
ECO103885	SMU100556	44%	99.5%	95.5%
ECO103885	SPN401775	45%	99.5%	93.3%
ECO103885	SPY200071	45%	99.5%	95.5%
ECO103885	TPA100238	45%	98.4%	96.3%
ECO103885	UUR100187	43%	1.0%	5.4%
ECO103885	VCH100323	85%	100%	97.5%
ECO103885	YPS000489	94%	100%	100%
ECO103886	ABA100041	59%	11.7%	91.1%
ECO103886	ABA104621	71%	98.8%	98.9%
ECO103886	BAN107772	27%	95.0%	96.5%
ECO103886	BAN101907	50%	95.7%	97.2%
ECO103886	BFR102987	48%	96.5%	97.8%
ECO103886	BPT101163	66%	99.0%	98.7%
ECO103886	BBU100387	49%	96.2%	98.8%
ECO103886	BCE109927	58%	57.4%	97.7%
ECO103886	BFU100842	69%	71.2%	63.5%
ECO103886	BMA101246	65%	98.7%	98.7%
ECO103886	CJU100444	54%	96.3%	98.6%
ECO103886	CPN200681	49%	96.0%	96.7%
ECO103886	CTR200580	49%	96.5%	97.4%
ECO103886	CAC100576	54%	95.7%	97.0%
ECO103886	CBO100117	52%	95.7%	97.3%
ECO103886	CDF100550	54%	95.7%	98.3%
ECO103886	CDP100877	50%	6.0%	0.4%
ECO103886	EBC103916	97%	100%	100%
ECO103886	EFA200807	49%	97.9%	99.4%
ECO103886	EFM200070	47%	95.7%	99.7%
ECO103886	ECO103886	100%	100%	100%
ECO103886	HIN100493	82%	99.4%	99.7%
ECO103886	KPN300484	90%	12.1%	100%
ECO103886	KPN302484	97%	100%	100%
ECO103886	LPN100508	84%	38.4%	99.4%
ECO103886	LMO101517	49%	95.7%	97.4%
ECO103886	MCA101004	69%	97.5%	96.6%
ECO103886	MAV102932	51%	4.3%	2.0%
ECO103886	MBV100906	50%	4.8%	2.7%
ECO103886	MLP101144	51%	4.6%	1.7%
ECO103886	MTU200665	50%	4.8%	2.7%
ECO103886	MGE100349	39%	84.4%	80.6%
ECO103886	MPN100327	39%	95.6%	97.4%
ECO103886	NME200135	67%	98.4%	99.7%
ECO103886	PMU101736	83%	99.4%	99.6%
ECO103886	PAE204267	75%	99.4%	99.8%
ECO103886	PPU104498	74%	99.4%	99.1%
ECO103886	PSY103340	74%	99.4%	99.8%
ECO103886	SPA101954	97%	68.3%	100%
ECO103886	STY102668	98%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103886	STM102060	98%	100%	100%
ECO103886	SAU800543	52%	96.1%	97.8%
ECO103886	SEP201887	49%	96.1%	97.8%
ECO103886	SHA100756	27%	5.6%	70.9%
ECO103886	SHA101637	50%	97.4%	99.3%
ECO103886	SMU100552	52%	96.1%	97.5%
ECO103886	SPN401774	52%	96.1%	96.2%
ECO103886	SPY200072	47%	96.1%	97.2%
ECO103886	TPA100239	49%	95.7%	96.1%
ECO103886	UUR100188	37%	95.5%	98.0%
ECO103886	VCH100324	82%	99.9%	99.9%
ECO103886	YPS000478	92%	99.8%	99.9%
ECO103911	ECO101689	30%	76.2%	97.7%
ECO103911	ECO103911	100%	100%	100%
ECO103911	LPN100032	24%	19.1%	41.7%
ECO103911	YPS000041	23%	40.0%	74.2%
ECO103911	YPS001066	23%	59.2%	84.1%
ECO103912	ABA105327	29%	54.0%	50.7%
ECO103912	ABA103660	33%	54.4%	58.3%
ECO103912	BCE104678	27%	82.2%	93.6%
ECO103912	BFU100479	26%	80.1%	79.2%
ECO103912	BFU100101	27%	89.9%	95.0%
ECO103912	BFU107845	26%	84.3%	94.5%
ECO103912	BFU107853	29%	90.9%	87.5%
ECO103912	BMA101024	30%	80.1%	86.6%
ECO103912	CDP100258	29%	86.4%	90.5%
ECO103912	EBC103832	91%	95.5%	100%
ECO103912	ECO103912	100%	100%	100%
ECO103912	KPN302605	91%	94.4%	98.6%
ECO103912	PRT102440	67%	93.4%	96.4%
ECO103912	PAE200235	27%	84.7%	95.0%
ECO103912	SPA100853	90%	99.7%	100%
ECO103912	STY101885	91%	95.5%	100%
ECO103914	BAN103675	23%	4.6%	34.3%
ECO103914	BAN109652	24%	97.2%	98.5%
ECO103914	BFR100259	26%	66.5%	68.2%
ECO103914	BPT100260	34%	98.7%	97.5%
ECO103914	BFU109252	57%	98.0%	94.3%
ECO103914	CJU100484	26%	43.1%	64.1%
ECO103914	CBO100644	21%	97.6%	98.9%
ECO103914	CDF100007	27%	53.6%	96.7%
ECO103914	CDF101225	24%	98.0%	99.1%
ECO103914	CDF103463	25%	97.8%	98.7%
ECO103914	EBC103836	90%	98.5%	100%
ECO103914	ECO103914	100%	100%	100%
ECO103914	KPN300005	84%	23.9%	96.3%
ECO103914	KPN300522	84%	29.5%	94.1%
ECO103914	KPN302611	89%	100%	100%
ECO103914	LMO102790	25%	97.4%	97.8%
ECO103914	PRT104772	59%	98.2%	97.8%
ECO103914	PAE205468	67%	99.8%	94.5%
ECO103914	PPU102900	63%	98.5%	97.1%
ECO103914	PSY101200	64%	98.5%	95.9%
ECO103914	SPA101526	92%	98.5%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103914	STY101888	93%	100%	100%
ECO103914	STM102145	93%	100%	100%
ECO103914	SAU800104	22%	95.0%	93.3%
ECO103914	SPN400439	25%	91.0%	91.7%
ECO103914	SPY201303	24%	90.4%	91.2%
ECO103914	TPA100763	26%	56.5%	54.5%
ECO103914	VCH100663	33%	46.0%	35.9%
ECO103919	ABA104828	47%	96.0%	95.1%
ECO103919	BAN113216	23%	66.1%	77.3%
ECO103919	BFR10381	23%	66.7%	78.8%
ECO103919	BPT100657	39%	88.7%	90.8%
ECO103919	BBU100729	34%	92.0%	94.9%
ECO103919	BCE100058	48%	97.6%	95.1%
ECO103919	BFU101343	48%	97.6%	98.0%
ECO103919	BMA107745	50%	96.9%	97.2%
ECO103919	CJU101444	26%	68.3%	85.5%
ECO103919	CPN200812	35%	89.3%	89.5%
ECO103919	CTR200647	34%	92.5%	92.9%
ECO103919	CAC100048	23%	66.1%	77.3%
ECO103919	CBO102016	23%	66.1%	76.5%
ECO103919	CDF103720	23%	68.7%	80.6%
ECO103919	CDP100102	52%	98.9%	99.1%
ECO103919	EBC103837	94%	98.7%	100%
ECO103919	EFA202329	23%	66.7%	78.4%
ECO103919	EFM202538	24%	66.7%	78.3%
ECO103919	ECO103919	100%	100%	100%
ECO103919	HIN101544	77%	99.8%	97.5%
ECO103919	HPY101149	53%	98.2%	98.9%
ECO103919	KPN300161	92%	7.3%	97.6%
ECO103919	KPN302607	95%	99.8%	99.8%
ECO103919	LPN103064	40%	43.2%	97.3%
ECO103919	LMO101990	23%	66.5%	77.8%
ECO103919	MCA101062	45%	95.4%	96.7%
ECO103919	MAV105583	51%	98.9%	97.7%
ECO103919	MBV101975	51%	98.9%	97.8%
ECO103919	MLP100108	50%	98.9%	97.7%
ECO103919	MTU200937	51%	98.9%	97.8%
ECO103919	MGE100113	23%	68.7%	81.8%
ECO103919	MPN100582	23%	68.7%	82.3%
ECO103919	NGO101248	58%	97.3%	94.0%
ECO103919	NME201465	58%	97.3%	97.4%
ECO103919	PMU100416	77%	99.8%	100%
ECO103919	PRT101480	82%	99.8%	100%
ECO103919	PAE204728	48%	98.7%	97.8%
ECO103919	PPU108272	50%	98.2%	97.3%
ECO103919	PPU108446	51%	98.2%	97.3%
ECO103919	PSY100665	48%	98.2%	97.3%
ECO103919	SPA103272	94%	99.5%	100%
ECO103919	STY101906	95%	99.8%	99.8%
ECO103919	STM102761	95%	99.8%	99.8%
ECO103919	SAU800962	28%	38.3%	48.3%
ECO103919	SEP200169	27%	39.2%	49.7%
ECO103919	SHA101567	24%	70.1%	83.1%
ECO103919	SHA102448	28%	39.2%	49.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103919	SMU100622	23%	73.2%	82.6%
ECO103919	SPN401879	25%	67.6%	79.5%
ECO103919	SPY200159	23%	73.2%	82.6%
ECO103919	TPA100471	38%	85.4%	86.4%
ECO103919	VCH100369	77%	99.8%	99.6%
ECO103919	YPS003348	87%	99.8%	100%
ECO103928	BAN103704	29%	98.7%	98.3%
ECO103928	BAN109247	31%	99.0%	98.1%
ECO103928	BCE107035	24%	61.9%	62.6%
ECO103928	BCE101620	28%	42.2%	42.2%
ECO103928	CDF102956	23%	90.9%	88.6%
ECO103928	CDF103650	26%	84.3%	82.8%
ECO103928	CDP101746	25%	90.7%	90.6%
ECO103928	EBC104163	94%	58.6%	80.8%
ECO103928	EFA202424	27%	94.4%	91.6%
ECO103928	EFM202271	29%	94.9%	91.9%
ECO103928	ECO103928	100%	100%	100%
ECO103928	KPN301863	95%	98.5%	100%
ECO103928	LMO101775	30%	90.9%	89.3%
ECO103928	MAV104707	26%	57.6%	58.4%
ECO103928	MBV102941	25%	37.9%	33.9%
ECO103928	MLP100887	22%	63.6%	64.0%
ECO103928	MTU201218	25%	37.9%	33.8%
ECO103928	SPA103511	93%	63.4%	100%
ECO103928	STY101923	93%	100%	100%
ECO103928	SAU800214	30%	93.2%	87.9%
ECO103928	SMU101054	27%	91.2%	89.2%
ECO103928	SPN401915	31%	92.4%	88.4%
ECO103928	SPY201006	27%	96.0%	92.6%
ECO103928	VCH103663	65%	100%	97.3%
ECO103928	YPS003334	84%	98.5%	96.8%
ECO103929	BCE113128	42%	48.8%	94.6%
ECO103929	BCE100669	63%	59.6%	72.6%
ECO103929	BCE107605	53%	99.2%	99.0%
ECO103929	BCE111521	56%	98.4%	98.1%
ECO103929	BFU102346	56%	98.1%	97.8%
ECO103929	BMA105826	54%	98.1%	93.5%
ECO103929	CBO100164	41%	85.7%	86.3%
ECO103929	EBC104175	94%	100%	100%
ECO103929	ECO103929	100%	100%	100%
ECO103929	KPN301865	94%	100%	100%
ECO103929	PAE202339	51%	97.3%	97.6%
ECO103929	PSY100956	53%	99.7%	95.5%
ECO103929	SPA103513	86%	100%	100%
ECO103929	STY101924	94%	100%	100%
ECO103929	STM102778	95%	100%	100%
ECO103929	VCH103664	67%	100%	98.9%
ECO103929	YPS003330	84%	100%	100%
ECO103930	CDF102720	24%	19.5%	26.0%
ECO103930	EBC104174	76%	99.8%	100%
ECO103930	ECO103930	100%	100%	100%
ECO103930	KPN301867	73%	100%	97.5%
ECO103930	PSY100945	23%	84.3%	98.9%
ECO103930	SPA103515	77%	92.8%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103930	STY101925	80%	100%	100%
ECO103930	STM102779	80%	100%	100%
ECO103930	VCH103746	32%	100%	100%
ECO103930	YPS003326	72%	99.8%	100%
ECO103932	BCE102840	23%	34.2%	40.9%
ECO103932	BFU109703	26%	31.2%	43.0%
ECO103932	ECO103932	100%	100%	100%
ECO103932	PAE202459	28%	23.3%	64.8%
ECO103932	SPA103638	20%	86.4%	68.7%
ECO103932	STM103235	20%	84.6%	51.5%
ECO103932	TPA100401	25%	34.4%	73.2%
ECO103943	ABA102462	55%	88.7%	95.3%
ECO103943	BPT101042	51%	90.1%	92.0%
ECO103943	BBU100224	35%	92.2%	96.7%
ECO103943	BCE101833	56%	81.2%	92.4%
ECO103943	BFU102841	60%	88.4%	96.2%
ECO103943	BMA103011	58%	90.1%	82.5%
ECO103943	EBC104218	95%	92.5%	96.4%
ECO103943	ECO103943	100%	100%	100%
ECO103943	HIN100615	69%	94.5%	99.4%
ECO103943	KPN308220	93%	90.7%	100%
ECO103943	LPN100779	46%	85.2%	88.5%
ECO103943	MCA101168	50%	85.5%	91.3%
ECO103943	NGO101471	55%	84.1%	91.8%
ECO103943	NME201976	56%	85.8%	89.0%
ECO103943	PMU101418	72%	92.5%	97.2%
ECO103943	PRT101879	77%	99.7%	100%
ECO103943	PAE202793	59%	95.1%	98.8%
ECO103943	PPU106471	59%	89.6%	99.0%
ECO103943	PSY102953	59%	86.1%	99%
ECO103943	SPA103518	91%	98.3%	100%
ECO103943	STY101946	90%	98.3%	100%
ECO103943	STM102801	90%	98.3%	100%
ECO103943	VCH100374	77%	91.0%	96.0%
ECO103943	YPS002805	74%	97.4%	97.4%
ECO103953	ABA105929	51%	98.3%	99.5%
ECO103953	BAN105418	33%	97.2%	99.4%
ECO103953	BAN102675	35%	97.2%	99.4%
ECO103953	BFR100085	38%	75.3%	84.1%
ECO103953	BFR10599	43%	80.9%	94.7%
ECO103953	BPT100946	53%	88.2%	83.8%
ECO103953	BBU100114	32%	51.7%	60.4%
ECO103953	BCE112892	56%	97.2%	98.4%
ECO103953	BFU103395	54%	97.2%	98.3%
ECO103953	BMA103430	42%	36.0%	50.5%
ECO103953	BMA103994	62%	82.0%	74.5%
ECO103953	CJU100997	34%	96.6%	98.9%
ECO103953	CPN200363	25%	62.4%	65%
ECO103953	CTR200309	26%	67.4%	74.4%
ECO103953	CAC102955	31%	55.1%	87.3%
ECO103953	CAC101327	30%	75.3%	89.6%
ECO103953	CAC103317	37%	55.1%	71.4%
ECO103953	CBO103395	23%	56.2%	85.7%
ECO103953	CBO103707	35%	55.1%	64.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103953	CDF104218	31%	56.2%	71.0%
ECO103953	CDF103030	37%	54.5%	66.0%
ECO103953	CDP100636	30%	93.3%	98.8%
ECO103953	CDP100782	34%	94.4%	90.2%
ECO103953	EBC104214	92%	100%	100%
ECO103953	EFA201268	28%	97.2%	99.3%
ECO103953	EFA200661	30%	95.5%	88.8%
ECO103953	EFA200122	40%	52.2%	57.0%
ECO103953	EFA201230	41%	54.5%	68.1%
ECO103953	EFA200024	34%	75.3%	87.3%
ECO103953	EFA200067	28%	97.2%	99.3%
ECO103953	EFM202042	28%	97.2%	99.4%
ECO103953	ECO103953	100%	100%	100%
ECO103953	HIN100237	60%	97.8%	98.8%
ECO103953	HPY101228	46%	50%	49.2%
ECO103953	KPN301041	74%	100%	100%
ECO103953	KPN308310	93%	100%	100%
ECO103953	LPN103463	51%	56.2%	69.3%
ECO103953	LMO101733	32%	97.2%	99.4%
ECO103953	MCA100569	54%	87.6%	72.0%
ECO103953	MAV101548	32%	92.1%	87.5%
ECO103953	MBV106247	31%	92.7%	98.2%
ECO103953	MLP101584	31%	92.7%	98.2%
ECO103953	MTU200054	31%	92.7%	98.2%
ECO103953	MGE100093	25%	56.2%	58.1%
ECO103953	MPN100602	27%	49.4%	48.8%
ECO103953	NGO100403	46%	97.2%	98.9%
ECO103953	NME201532	46%	97.2%	98.9%
ECO103953	PMU101950	57%	97.8%	98.8%
ECO103953	PRT100733	59%	100%	90.9%
ECO103953	PRT101487	80%	100%	100%
ECO103953	PAE204230	59%	98.9%	99.4%
ECO103953	PPU104550	57%	98.9%	99.4%
ECO103953	PSY105770	54%	98.9%	99.5%
ECO103953	STY102277	87%	100%	100%
ECO103953	STM102829	87%	100%	100%
ECO103953	SAU800366	32%	97.2%	99.4%
ECO103953	SAU801983	33%	97.2%	99.4%
ECO103953	SAU800864	35%	83.7%	95.0%
ECO103953	SEP201353	32%	97.2%	99.4%
ECO103953	SHA101079	33%	97.2%	99.4%
ECO103953	SMU101251	32%	97.2%	99.4%
ECO103953	SPN401394	30%	97.2%	99.4%
ECO103953	SPY201407	31%	97.2%	99.4%
ECO103953	TPA100061	38%	66.3%	63.6%
ECO103953	UUR100559	36%	54.5%	54.2%
ECO103953	VCH100392	74%	100%	100%
ECO103953	YPS002815	87%	100%	100%
ECO103959	ABA104561	25%	73.2%	81.2%
ECO103959	BPT105307	27%	83.4%	52.9%
ECO103959	BCE107747	49%	99.1%	98.6%
ECO103959	BFU100526	49%	99.1%	99.1%
ECO103959	BMA104551	29%	89.6%	89.0%
ECO103959	CDF102374	34%	99.5%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103959	CDP101057	25%	98.0%	96.6%
ECO103959	EBC104469	94%	99.5%	99.6%
ECO103959	EFA201845	30%	95.3%	74.4%
ECO103959	EFM100464	34%	69.6%	98.4%
ECO103959	ECO103959	100%	100%	100%
ECO103959	KPN304726	91%	99.6%	100%
ECO103959	LMO102860	37%	98.5%	76.7%
ECO103959	MAV102515	27%	93.4%	93.3%
ECO103959	MBV101962	28%	99.1%	96.9%
ECO103959	MTU202253	28%	99.1%	96.9%
ECO103959	PMU100365	28%	63.2%	74.1%
ECO103959	PRT102941	69%	99.8%	99.8%
ECO103959	PAE203658	43%	99.1%	93.8%
ECO103959	PPU107861	45%	99.1%	99.3%
ECO103959	PSY102978	24%	63.9%	77.1%
ECO103959	SPA100660	91%	67.4%	99.7%
ECO103959	STY102320	95%	99.5%	97.0%
ECO103959	STM102875	95%	99.5%	99.6%
ECO103959	SAU800629	35%	76.3%	62.6%
ECO103959	SEP200203	30%	99.1%	76.9%
ECO103959	SHA102124	34%	79.6%	65.3%
ECO103959	SPN400573	27%	97.1%	75.4%
ECO103959	SPY101946	32%	35.7%	92.4%
ECO103959	VCH100384	28%	64.7%	75.7%
ECO103959	YPS003038	75%	99.6%	99.6%
ECO103960	BAN106232	25%	1.4%	66.3%
ECO103960	BAN111224	25%	1.4%	66.3%
ECO103960	BFR10882	21%	68.1%	81.9%
ECO103960	BMA108842	25%	24.0%	48.9%
ECO103960	CAC102031	21%	34.7%	83.3%
ECO103960	CBO103445	23%	45.3%	81.6%
ECO103960	CDF103097	22%	58.8%	75.8%
ECO103960	EFA200376	20%	45.8%	67.3%
ECO103960	EFM201063	23%	10.9%	80%
ECO103960	ECO103960	100%	100%	100%
ECO103960	LPN100851	23%	46.0%	54.5%
ECO103960	LMO100095	20%	42.3%	64.6%
ECO103960	MAV100743	17%	31.6%	73.5%
ECO103960	PMU100591	21%	50.2%	22.1%
ECO103960	PPU105471	29%	25.8%	66.7%
ECO103960	SPA102989	23%	48.6%	48.4%
ECO103960	STY102647	26%	52.8%	17.7%
ECO103960	SAU501627	21%	66.7%	50.9%
ECO103960	SEP201407	26%	43.3%	73.2%
ECO103960	SHA102824	25%	24.2%	73.9%
ECO103960	UUR100310	30%	26.7%	33.9%
ECO103960	YPS000909	19%	26.0%	49.6%
ECO103972	BAN108696	25%	68.6%	73.2%
ECO103972	BAN107676	23%	85.2%	83.6%
ECO103972	EBC104473	63%	99.1%	99.1%
ECO103972	ECO103972	100%	100%	100%
ECO103972	KPN304708	67%	97.4%	98.7%
ECO103972	PRT104736	33%	95.2%	92.7%
ECO103972	SPA101769	88%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO103972	STY102345	88%	100%	100%
ECO103972	SPN203747	30%	28.4%	10%
ECO103973	BAN111819	31%	91.2%	66.0%
ECO103973	BAN104504	34%	79.2%	57.1%
ECO103973	BAN107861	35%	95.8%	68.9%
ECO103973	BAN108797	35%	96.6%	69.6%
ECO103973	BCE100301	37%	98.6%	82.8%
ECO103973	BFU109099	37%	98.6%	71.8%
ECO103973	BMA102600	37%	99.7%	72.5%
ECO103973	CDF102669	59%	77.3%	99.1%
ECO103973	EBC104465	93%	99.9%	100%
ECO103973	EFA202359	42%	96.1%	74.5%
ECO103973	ECO103973	100%	100%	100%
ECO103973	KPN304707	93%	78.0%	99.8%
ECO103973	LMO101763	35%	95.7%	67.9%
ECO103973	MAV102343	27%	95.5%	92.1%
ECO103973	PRT106150	63%	99.2%	98.3%
ECO103973	PPU106426	36%	98.9%	74.7%
ECO103973	SPA101768	96%	95.8%	100%
ECO103973	STY102346	97%	99.9%	99.9%
ECO103973	SAU802309	35%	96.2%	69.4%
ECO103973	SHA101509	34%	91.2%	71.9%
ECO103973	YPS003389	62%	99.9%	99.7%
ECO104010	ABA104217	28%	31.6%	23.5%
ECO104010	ABA101204	34%	32.4%	23.8%
ECO104010	ABA101274	29%	48.2%	31.9%
ECO104010	BFR105341	30%	23.3%	10.3%
ECO104010	BCE113842	27%	34.0%	25.1%
ECO104010	BCE106065	28%	30.4%	70%
ECO104010	BMA107995	22%	30.0%	21.7%
ECO104010	BMA105539	30%	31.6%	39.4%
ECO104010	ECO104010	100%	100%	100%
ECO104010	LPN103151	25%	33.2%	25.1%
ECO104010	MBV100183	31%	40.3%	31.4%
ECO104010	MTU203042	27%	30.0%	22.4%
ECO104010	NME102614	23%	33.2%	27.9%
ECO104010	PRT101349	41%	36.8%	35.4%
ECO104010	PRT104740	27%	61.7%	59.8%
ECO104010	PAE202094	25%	33.6%	24.7%
ECO104010	PAE203213	32%	32.8%	24.6%
ECO104010	SPA103838	35%	52.6%	42.7%
ECO104010	SPA100934	78%	100%	100%
ECO104010	STY102403	32%	60.5%	53.6%
ECO104010	STY102368	79%	100%	100%
ECO104010	STM103734	35%	52.6%	42.7%
ECO104010	SMU100002	27%	32.0%	24.0%
ECO104010	VCH100823	27%	36.0%	33.0%
ECO104016	ABA101468	31%	84.5%	89.0%
ECO104016	BFR11620	76%	99.8%	99.6%
ECO104016	BCE107845	30%	86.3%	91.7%
ECO104016	BFU109166	30%	86.3%	89.4%
ECO104016	BMA106168	30%	86.3%	91.8%
ECO104016	CAC102345	41%	28.3%	81.8%
ECO104016	CBO103442	38%	32.5%	93.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104016	CDF100921	38%	32.3%	95.1%
ECO104016	ECO104016	100%	100%	100%
ECO104016	KPN208187	92%	19.2%	100%
ECO104016	KPN206801	84%	31.6%	100%
ECO104016	KPN208188	88%	67.9%	100%
ECO104016	KPN200435	87%	99.6%	98.9%
ECO104016	MCA100766	30%	58.2%	77.1%
ECO104016	NGO100417	30%	51.1%	93.1%
ECO104016	NME201668	31%	87.4%	87.0%
ECO104016	PPU109005	33%	80.8%	85.6%
ECO104016	PSY105035	32%	80.8%	85.6%
ECO104016	SPA103946	92%	96.9%	99.8%
ECO104016	STY102383	93%	100%	100%
ECO104016	VCH101285	31%	83.8%	89.5%
ECO104019	BAN112898	40%	71.5%	98.5%
ECO104019	BAN112173	36%	96.7%	100%
ECO104019	CBO101185	30%	94.8%	96.1%
ECO104019	EBC102809	58%	98.7%	100%
ECO104019	EFA200707	28%	81.6%	85.3%
ECO104019	EFM102036	32%	25.0%	96.9%
ECO104019	ECO104019	100%	100%	100%
ECO104019	KPN309157	57%	97.6%	97.2%
ECO104019	MLP100485	22%	46.6%	50.6%
ECO104019	SPA103940	78%	99.8%	100%
ECO104019	STY102386	81%	99.8%	99.8%
ECO104019	SPY200840	27%	84.5%	87.3%
ECO104026	ECO104026	100%	100%	100%
ECO104026	KPN302944	93%	100%	100%
ECO104026	SPA102141	89%	95.7%	100%
ECO104026	STY102046	90%	99.1%	99.3%
ECO104026	STM101797	90%	99.1%	99.3%
ECO104026	VCH100277	68%	95.7%	95.5%
ECO104028	ABA104774	23%	88.9%	93.3%
ECO104028	BPT100384	29%	65.8%	59.0%
ECO104028	EBC106218	85%	100%	100%
ECO104028	ECO104028	100%	100%	100%
ECO104028	KPN301450	77%	98.0%	99.5%
ECO104028	MAV102775	22%	76.4%	77.3%
ECO104028	MAV108777	26%	78.4%	75.6%
ECO104028	MBV106082	37%	27.6%	22.1%
ECO104028	MTU200451	37%	27.6%	23.7%
ECO104028	PRT100166	51%	96.0%	100%
ECO104028	PAE203032	24%	92.0%	97.8%
ECO104028	PPU112091	26%	89.4%	92.2%
ECO104028	SPA103939	87%	73.9%	100%
ECO104028	STY103237	87%	96.0%	100%
ECO104028	YPS003382	64%	96.0%	100%
ECO104036	ABA101661	75%	100%	100%
ECO104036	BAN105843	62%	41.1%	99.6%
ECO104036	BAN107569	64%	99.6%	99.8%
ECO104036	BFR12159	59%	99.6%	99.8%
ECO104036	BPT100043	73%	99.3%	99.6%
ECO104036	BBU100648	57%	99.5%	99.8%
ECO104036	BCE110276	75%	98.9%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104036	BFU115281	75%	99.5%	99.5%
ECO104036	BMA100576	75%	99.5%	99.5%
ECO104036	CJU101146	63%	99.6%	99.8%
ECO104036	CPN200626	61%	98.4%	99.4%
ECO104036	CTR200380	61%	98.4%	99.4%
ECO104036	CAC103249	60%	98.9%	99.6%
ECO104036	CBO103480	58%	98.4%	99.6%
ECO104036	CDF101490	61%	98.4%	99.6%
ECO104036	CDP100703	58%	98.5%	99.6%
ECO104036	EBC104135	95%	100%	100%
ECO104036	EFA201586	60%	99.6%	99.8%
ECO104036	EFM100695	61%	98.9%	99.6%
ECO104036	ECO104036	100%	100%	100%
ECO104036	HIN100522	87%	100%	100%
ECO104036	HPY100009	60%	99.6%	99.8%
ECO104036	KPN301066	94%	60.4%	100%
ECO104036	LMO101766	62%	99.6%	99.8%
ECO104036	MCA101495	73%	99.6%	99.8%
ECO104036	MAV101753	59%	98.4%	99.4%
ECO104036	MBV100502	59%	98.4%	99.4%
ECO104036	MLP100217	59%	98.9%	99.4%
ECO104036	MTU200439	59%	98.4%	99.4%
ECO104036	MGE100404	42%	95.3%	98.0%
ECO104036	MPN100269	44%	95.8%	98.5%
ECO104036	NGO100099	74%	100%	100%
ECO104036	NME200440	75%	100%	100%
ECO104036	PMU101107	89%	100%	100%
ECO104036	PRT101073	92%	60.0%	100%
ECO104036	PAE204383	79%	100%	100%
ECO104036	PPU111089	79%	100%	100%
ECO104036	PSY101748	76%	100%	99.6%
ECO104036	SPA102707	98%	100%	100%
ECO104036	STY103268	98%	100%	100%
ECO104036	STM103468	98%	100%	100%
ECO104036	SAU802029	57%	99.5%	99.6%
ECO104036	SEP200630	56%	99.6%	99.8%
ECO104036	SHA100585	55%	69.9%	100%
ECO104036	SMU100507	61%	98.9%	99.6%
ECO104036	SPN401720	60%	99.6%	99.8%
ECO104036	SPY201582	60%	98.7%	99.6%
ECO104036	TPA100029	58%	98.9%	99.6%
ECO104036	VCH103540	74%	96.7%	100%
ECO104036	VCH102627	85%	100%	100%
ECO104036	YPS003432	91%	100%	100%
ECO104037	BCE103856	38%	93.0%	63.9%
ECO104037	EBC104133	82%	91.4%	100%
ECO104037	ECO104037	100%	100%	100%
ECO104037	KPN301065	83%	91.4%	100%
ECO104037	LPN101974	26%	78.9%	83.9%
ECO104037	PRT104013	58%	89.8%	99.1%
ECO104037	SPA102706	88%	91.4%	100%
ECO104037	STY103271	88%	96.1%	100%
ECO104037	STM103475	89%	96.1%	100%
ECO104037	SAU801531	27%	57.8%	39.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104037	YPS005860	61%	96.9%	96.9%
ECO104048	ABA100260	46%	95.5%	99.1%
ECO104048	EBC104114	91%	100%	100%
ECO104048	ECO104048	100%	100%	100%
ECO104048	HIN100816	62%	98.8%	98.5%
ECO104048	KPN302137	87%	97.0%	100%
ECO104048	LPN103478	50%	95.5%	98.7%
ECO104048	MCA101775	40%	95.8%	99.1%
ECO104048	PMU100202	65%	97.0%	100%
ECO104048	PRT106167	78%	97.0%	100%
ECO104048	SPA102710	92%	97.0%	100%
ECO104048	STY103321	92%	97.0%	100%
ECO104048	STM103496	92%	97.0%	100%
ECO104048	TPA101030	29%	89.6%	96.9%
ECO104048	VCH102618	60%	95.8%	92.0%
ECO104048	YPS003443	84%	97.0%	100%
ECO104049	CBO100854	54%	94.2%	94.7%
ECO104049	ECO104049	100%	100%	100%
ECO104049	KPN302135	79%	94.4%	98.4%
ECO104049	SPA102711	87%	95.9%	100%
ECO104049	STY103325	87%	97.3%	100%
ECO104049	STM103497	87%	97.3%	100%
ECO104049	SPN203740	21%	45.7%	39.4%
ECO104050	ECO104050	100%	100%	100%
ECO104050	SPA102712	69%	98.1%	95.3%
ECO104050	STY103329	69%	98.1%	80.8%
ECO104081	ECO104081	100%	100%	100%
ECO104081	KPN302203	86%	100%	100%
ECO104081	PMU100762	53%	99.2%	99.2%
ECO104081	SPA103252	95%	100%	100%
ECO104081	STY103787	96%	100%	100%
ECO104081	VCH102980	58%	100%	100%
ECO104090	ABA101593	60%	95.4%	100%
ECO104090	BAN105775	31%	69.5%	96.8%
ECO104090	BAN110631	32%	69.5%	95.8%
ECO104090	BFR100626	33%	84.7%	99.1%
ECO104090	BPT101390	58%	97.7%	100%
ECO104090	BCE111148	59%	93.1%	97.6%
ECO104090	BFU105918	59%	93.1%	89.0%
ECO104090	BMA108586	58%	94.7%	100%
ECO104090	CJU100996	31%	69.5%	73.6%
ECO104090	CPN200891	28%	53.4%	62.5%
ECO104090	CTR200179	28%	53.4%	62.5%
ECO104090	CAC102614	31%	68.7%	95.8%
ECO104090	CBO100194	37%	68.7%	93.8%
ECO104090	CDF103506	34%	68.7%	97.8%
ECO104090	CDP100784	31%	69.5%	96.8%
ECO104090	EBC103612	94%	100%	100%
ECO104090	EFA200662	26%	68.7%	93%
ECO104090	EFM100453	25%	67.2%	91.9%
ECO104090	ECO104090	100%	100%	100%
ECO104090	HIN100526	76%	95.4%	99.2%
ECO104090	HPY101229	30%	96.2%	95.8%
ECO104090	KPN302207	93%	96.9%	98.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104090	LPN101590	58%	84.0%	98.2%
ECO104090	LMO102694	28%	68.7%	94.8%
ECO104090	MCA101349	49%	98.5%	97.0%
ECO104090	MAV101547	34%	71.8%	100%
ECO104090	MBV100941	35%	71.8%	100%
ECO104090	MLP101585	35%	71.8%	100%
ECO104090	MTU200053	35%	71.8%	100%
ECO104090	MGE100092	23%	67.2%	41.8%
ECO104090	MPN100603	28%	66.4%	40%
ECO104090	NGO100178	75%	81.7%	90.2%
ECO104090	NME201396	74%	81.7%	90.2%
ECO104090	PMU101180	78%	95.4%	99.2%
ECO104090	PRT104507	84%	100%	100%
ECO104090	PAE204930	63%	100%	95.7%
ECO104090	PPU106677	61%	100%	93.6%
ECO104090	PSY101040	59%	100%	95.0%
ECO104090	SPA102213	90%	100%	100%
ECO104090	STY103809	99%	100%	100%
ECO104090	STM103613	99%	100%	100%
ECO104090	SAU800365	30%	69.5%	94.9%
ECO104090	SEP201352	30%	69.5%	94.9%
ECO104090	SHA101078	24%	64.9%	94.6%
ECO104090	SMU101253	26%	69.5%	96.9%
ECO104090	SPN401395	24%	69.5%	96.9%
ECO104090	SPY201408	25%	69.5%	96.9%
ECO104090	TPA100062	27%	69.5%	96.8%
ECO104090	UUR100560	26%	95.4%	78.1%
ECO104090	VCH100361	81%	85.5%	91.8%
ECO104090	YPS002210	88%	100%	100%
ECO104091	BPT106954	27%	94.2%	88.8%
ECO104091	BCE114526	29%	92.3%	93.9%
ECO104091	BFU105920	27%	92.3%	93.9%
ECO104091	BMA100821	26%	92.3%	93.9%
ECO104091	EBC103611	91%	100%	100%
ECO104091	ECO104091	100%	100%	100%
ECO104091	HIN100525	61%	89.4%	98.9%
ECO104091	KPN300650	93%	72.1%	100%
ECO104091	NGO100181	30%	86.5%	87%
ECO104091	NME201395	29%	71.2%	71%
ECO104091	PMU101179	64%	95.2%	91.7%
ECO104091	PRT105182	72%	52.9%	100%
ECO104091	SPA102212	99%	100%	100%
ECO104091	STY103811	99%	100%	100%
ECO104091	STM103616	99%	100%	100%
ECO104091	VCH100362	49%	96.2%	100%
ECO104091	YPS002207	77%	99.0%	97.2%
ECO104092	ABA105585	80%	100%	100%
ECO104092	BAN110583	60%	86.7%	84.4%
ECO104092	BAN103323	60%	86.7%	84.4%
ECO104092	BFR100885	53%	86.7%	72.2%
ECO104092	BPT101387	70%	94.7%	78.9%
ECO104092	BBU100113	56%	92%	70.8%
ECO104092	BCE105745	69%	94.7%	78.0%
ECO104092	BFU105922	66%	94.7%	78.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104092	BMA104982	69%	94.7%	78.0%
ECO104092	CJU100998	52%	84%	73.3%
ECO104092	CPN200890	52%	86.7%	82.9%
ECO104092	CTR200180	52%	86.7%	84.0%
ECO104092	CAC102549	56%	86.7%	72.2%
ECO104092	CBO100272	58%	86.7%	81.2%
ECO104092	CDF103531	54%	88%	88%
ECO104092	CDP100127	45%	90.7%	82.9%
ECO104092	EBC103610	100%	100%	100%
ECO104092	EFA200660	51%	93.3%	88.6%
ECO104092	EFM100455	53%	86.7%	83.3%
ECO104092	ECO104092	100%	100%	100%
ECO104092	HIN100524	93%	100%	100%
ECO104092	HPY101227	41%	93.3%	82.4%
ECO104092	KPN300649	100%	100%	100%
ECO104092	LPN101987	70%	100%	100%
ECO104092	LMO102748	56%	86.7%	82.3%
ECO104092	MCA101348	74%	100%	100%
ECO104092	MAV101549	50%	81.3%	72.6%
ECO104092	MBV106246	50%	81.3%	72.6%
ECO104092	MLP101583	49%	81.3%	72.6%
ECO104092	MTU200055	50%	81.3%	72.6%
ECO104092	MGE100094	45%	86.7%	62.9%
ECO104092	MPN100601	46%	86.7%	63.5%
ECO104092	NGO100183	68%	100%	100%
ECO104092	NME201394	68%	100%	100%
ECO104092	PMU101178	93%	100%	100%
ECO104092	PRT102061	100%	100%	100%
ECO104092	PAE204929	83%	98.7%	97.4%
ECO104092	PPU106680	78%	98.7%	97.4%
ECO104092	PSY101038	78%	98.7%	97.4%
ECO104092	SPA102211	98%	100%	100%
ECO104092	STY103813	100%	100%	100%
ECO104092	STM103619	98%	100%	100%
ECO104092	SAU800367	58%	93.3%	87.5%
ECO104092	SEP201354	60%	93.3%	87.5%
ECO104092	SHA101080	63%	86.7%	81.2%
ECO104092	SMU101249	44%	89.3%	84.8%
ECO104092	SPN401393	44%	89.3%	84.8%
ECO104092	SPY201406	47%	90.7%	87.3%
ECO104092	TPA100060	52%	90.7%	67.7%
ECO104092	UUR100558	46%	85.3%	81.0%
ECO104092	VCH100363	92%	100%	100%
ECO104092	YPS002204	97%	100%	100%
ECO104093	ABA101589	64%	100%	100%
ECO104093	BAN106894	34%	85.2%	94.0%
ECO104093	BAN102021	34%	98.0%	98.0%
ECO104093	BFR100594	33%	100%	100%
ECO104093	BPT101383	52%	100%	98.7%
ECO104093	BBU100112	33%	100%	85.5%
ECO104093	BCE105322	51%	100%	98.7%
ECO104093	BFU105903	53%	100%	98.7%
ECO104093	BMA104683	53%	100%	98.7%
ECO104093	CJU100620	30%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104093	CPN200889	24%	99.3%	87.0%
ECO104093	CTR200181	30%	99.3%	88.0%
ECO104093	CAC102107	32%	96.6%	96.6%
ECO104093	CBO101031	35%	100%	100%
ECO104093	CDF103514	32%	98.0%	97.3%
ECO104093	CDP100781	38%	99.3%	99.3%
ECO104093	EBC103609	93%	100%	100%
ECO104093	EFA200658	37%	100%	100%
ECO104093	EFM100758	34%	100%	100%
ECO104093	ECO104093	100%	100%	100%
ECO104093	HIN100523	72%	100%	100%
ECO104093	HPY100509	31%	100%	99.3%
ECO104093	KPN300648	93%	100%	100%
ECO104093	LPN100854	51%	98.7%	98.0%
ECO104093	LMO101215	36%	100%	100%
ECO104093	MCA101347	58%	100%	93.1%
ECO104093	MAV101550	39%	100%	99.3%
ECO104093	MBV104721	38%	100%	99.3%
ECO104093	MLP101582	39%	99.3%	98.7%
ECO104093	MTU200056	38%	100%	99.3%
ECO104093	MGE100095	30%	100%	96.7%
ECO104093	MPN100600	30%	100%	97.3%
ECO104093	NGO100185	58%	99.3%	98%
ECO104093	NME201393	57%	99.3%	98%
ECO104093	PMU101177	77%	100%	100%
ECO104093	PRT102059	85%	100%	100%
ECO104093	PAE204927	62%	100%	100%
ECO104093	PPU106686	62%	99.3%	99.3%
ECO104093	PSY101034	64%	99.3%	99.3%
ECO104093	SPA102210	95%	100%	100%
ECO104093	STY103815	95%	100%	100%
ECO104093	STM103622	95%	100%	100%
ECO104093	SAU800015	32%	100%	100%
ECO104093	SEP201248	32%	100%	100%
ECO104093	SHA102269	33%	98.7%	98.6%
ECO104093	SMU101352	32%	92.6%	92.7%
ECO104093	SPN402006	27%	98.0%	98%
ECO104093	SPY201668	33%	95.3%	95.3%
ECO104093	TPA100059	34%	98.0%	92.9%
ECO104093	UUR100557	32%	100%	100%
ECO104093	VCH100364	76%	100%	100%
ECO104093	YPS002201	89%	100%	99.3%
ECO104105	ECO104105	100%	100%	100%
ECO104108	ABA104354	57%	97.1%	98.6%
ECO104108	BAN109563	26%	25.7%	98.3%
ECO104108	BAN109192	19%	66.4%	81.2%
ECO104108	BAN109684	21%	93.5%	99.5%
ECO104108	BAN111154	21%	91.5%	99.1%
ECO104108	BAN100457	23%	74.3%	93.1%
ECO104108	BAN110077	23%	95.1%	97.1%
ECO104108	BFR102710	29%	93.7%	98.1%
ECO104108	BCE107496	22%	92.6%	95.5%
ECO104108	BMA105472	22%	91.1%	93.5%
ECO104108	CJU100171	23%	94.9%	93.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104108	CPN300392	21%	93.5%	97.3%
ECO104108	CTR200520	21%	91.9%	95.9%
ECO104108	CAC100920	25%	94.9%	99.3%
ECO104108	CBO101778	25%	93.1%	97.1%
ECO104108	CDF103911	25%	94.2%	97.8%
ECO104108	CDP101089	27%	74.3%	96%
ECO104108	EBC103219	93%	98.9%	99.3%
ECO104108	EFA201100	25%	97.3%	94.1%
ECO104108	EFM201455	23%	95.7%	99.5%
ECO104108	ECO104108	100%	100%	100%
ECO104108	HIN100432	52%	95.1%	98.1%
ECO104108	HPY101469	24%	94.4%	94.9%
ECO104108	KPN300265	93%	23.7%	100%
ECO104108	KPN303792	91%	99.6%	100%
ECO104108	LPN101474	19%	94.4%	98.6%
ECO104108	LMO100643	20%	94.0%	94.6%
ECO104108	MCA100528	56%	95.3%	97.0%
ECO104108	MBV102031	24%	75.2%	97.7%
ECO104108	MTU201808	24%	75.2%	97.7%
ECO104108	PMU101677	51%	94.6%	94.2%
ECO104108	PRT102472	72%	100%	97.6%
ECO104108	PAE205357	23%	94.4%	96.0%
ECO104108	PPU102210	22%	94.4%	96.0%
ECO104108	PSY103237	22%	94.4%	96.0%
ECO104108	SPA101428	91%	100%	100%
ECO104108	STY103853	91%	100%	100%
ECO104108	SAU800702	25%	92.6%	92.7%
ECO104108	SEP200743	24%	92.6%	92.7%
ECO104108	SHA102372	25%	85.7%	84.3%
ECO104108	SMU100422	23%	99.3%	97.5%
ECO104108	SPN200328	22%	88.1%	88.4%
ECO104108	VCH103557	59%	94.6%	96.8%
ECO104108	YPS002180	82%	97.8%	98.6%
ECO104111	ABA100443	24%	8.2%	13.6%
ECO104111	BPT101450	25%	14.1%	12.5%
ECO104111	BCE101350	27%	18.8%	90.0%
ECO104111	BFU101638	23%	58.9%	53.2%
ECO104111	BMA101700	23%	58.9%	56.0%
ECO104111	EBC100027	68%	9.2%	76.7%
ECO104111	EBC103222	85%	100%	100%
ECO104111	ECO104111	100%	100%	100%
ECO104111	HIN100677	33%	99.7%	98.1%
ECO104111	KPN303797	81%	100%	100%
ECO104111	LPN102776	25%	59.3%	34.3%
ECO104111	MCA101238	21%	15.8%	6.3%
ECO104111	NGO100807	25%	35.3%	32.3%
ECO104111	NME200276	24%	37.0%	32.7%
ECO104111	PMU101808	33%	99.9%	98.1%
ECO104111	PRT102475	51%	100%	99.9%
ECO104111	PAE202540	25%	100%	100%
ECO104111	PPU110598	26%	98.6%	99.1%
ECO104111	PSY102554	25%	99.4%	100%
ECO104111	SPA100314	82%	56.6%	98.9%
ECO104111	STY103859	86%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104111	STM103693	86%	100%	100%
ECO104111	VCH102510	33%	99.8%	99.4%
ECO104111	YPS002176	57%	99.7%	99.7%
ECO104131	CDF100692	25%	95.9%	93.6%
ECO104131	EBC103305	86%	100%	100%
ECO104131	ECO104131	100%	100%	100%
ECO104131	KPN303807	83%	100%	100%
ECO104131	PRT101423	44%	98.1%	96.3%
ECO104131	SPA100383	89%	63.2%	100%
ECO104131	STY103932	87%	100%	100%
ECO104131	SAU802042	25%	97.8%	99.1%
ECO104131	SEP201102	26%	98.1%	99.1%
ECO104131	SHA101974	25%	97.8%	98.1%
ECO104131	VCH100893	49%	95.6%	95.3%
ECO104131	YPS003282	62%	99.7%	99.7%
ECO104132	ABA100801	61%	96.3%	95.9%
ECO104132	BAN106611	26%	88.8%	94.1%
ECO104132	BAN106191	28%	89.3%	93.2%
ECO104132	BFR101432	52%	94.8%	97.1%
ECO104132	BCE112176	54%	46.3%	99.3%
ECO104132	BFU102571	52%	94.7%	94.7%
ECO104132	BMA105621	50%	92.8%	94.1%
ECO104132	CAC102180	26%	92.3%	97.9%
ECO104132	CBO103123	53%	94.8%	97.0%
ECO104132	CDF100087	45%	19.6%	88.5%
ECO104132	CDF101158	48%	94.8%	96.4%
ECO104132	EBC103306	87%	100%	100%
ECO104132	EFA202419	50%	94.4%	95.9%
ECO104132	EFM201349	47%	59.0%	90.3%
ECO104132	ECO104132	100%	100%	100%
ECO104132	KPN303809	86%	99.8%	99.3%
ECO104132	LPN100436	43%	92.1%	96.0%
ECO104132	LMO101489	49%	95.0%	98.0%
ECO104132	MAV101838	28%	72.7%	42.6%
ECO104132	MBV102540	30%	74.9%	79.9%
ECO104132	MLP101576	28%	73.3%	42.5%
ECO104132	MTU201964	30%	76.6%	80.1%
ECO104132	MGE100073	30%	74.9%	79.2%
ECO104132	MPN100622	28%	92.0%	98.4%
ECO104132	PAE204820	54%	93.0%	94.9%
ECO104132	PPU111815	52%	93.4%	93.8%
ECO104132	SPA100073	97%	8.7%	100%
ECO104132	SPA102080	86%	56.5%	100%
ECO104132	STY103935	90%	99.8%	99.3%
ECO104132	STM104099	90%	99.8%	99.3%
ECO104132	SMU101048	30%	79.5%	82.4%
ECO104132	SPN401409	28%	94.3%	97.8%
ECO104132	SPY200449	30%	76.7%	79.1%
ECO104132	UUR100266	29%	75.1%	71.1%
ECO104132	YPS000377	51%	94.3%	96.6%
ECO104144	ABA105759	37%	98.2%	97.4%
ECO104144	BAN113013	34%	99.1%	97.4%
ECO104144	BAN113324	37%	97.0%	93.7%
ECO104144	BFR12921	25%	90.4%	84.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104144	BPT100142	37%	96.4%	93.6%
ECO104144	BFU115965	57%	98.2%	98.2%
ECO104144	BFU101445	59%	99.7%	99.7%
ECO104144	BMA106998	58%	98.2%	97.6%
ECO104144	CBO101831	59%	99.4%	99.1%
ECO104144	EFA202435	50%	99.1%	97.1%
ECO104144	EFM200632	52%	99.1%	96.8%
ECO104144	ECO104144	100%	100%	100%
ECO104144	HIN100575	62%	98.2%	98.2%
ECO104144	KPN303779	89%	100%	100%
ECO104144	MCA103610	36%	96.4%	95.1%
ECO104144	MAV103297	36%	98.2%	98.4%
ECO104144	MBV100238	37%	98.2%	99.0%
ECO104144	MLP100875	34%	98.2%	95%
ECO104144	MTU201635	37%	98.2%	99.0%
ECO104144	MPN100530	46%	77.2%	98.2%
ECO104144	PMU100808	68%	98.5%	98.2%
ECO104144	PRT101184	73%	99.7%	94.0%
ECO104144	PAE205167	58%	98.5%	97.9%
ECO104144	SPA102327	89%	100%	100%
ECO104144	STY103975	89%	100%	100%
ECO104144	SAU801169	58%	100%	99.7%
ECO104144	SEP202228	57%	100%	99.7%
ECO104144	SHA100088	59%	94.6%	100%
ECO104144	SPN401954	53%	99.1%	96.7%
ECO104144	SPY201192	54%	98.5%	96.4%
ECO104144	VCH102472	67%	98.5%	98.2%
ECO104144	YPS000950	79%	100%	99.7%
ECO104147	ABA100831	25%	33.8%	73.5%
ECO104147	BFR105965	26%	17.8%	19.2%
ECO104147	ECO104147	100%	100%	100%
ECO104147	SPA102322	39%	51.4%	82.0%
ECO104147	STY103989	42%	98.5%	97.2%
ECO104147	STM104138	42%	98.5%	97.2%
ECO104147	SPN401200	19%	91.1%	79.0%
ECO104147	YPS000029	31%	90.3%	89.7%
ECO104148	ABA101795	58%	99.7%	98.7%
ECO104148	BAN107436	33%	99.1%	98.3%
ECO104148	BAN109623	42%	99.1%	98.3%
ECO104148	BFR103128	38%	99.6%	99.0%
ECO104148	BPT100020	49%	99.4%	97.9%
ECO104148	BBU100737	37%	98.5%	97.9%
ECO104148	BCE114033	50%	99.3%	98.8%
ECO104148	BFU109684	50%	99.3%	98.2%
ECO104148	BMA104351	51%	99.9%	99.5%
ECO104148	CJU100714	37%	97.3%	97.6%
ECO104148	CPN200668	37%	97.3%	97.0%
ECO104148	CTR200568	36%	98.7%	99.3%
ECO104148	CAC100067	43%	99.7%	99.2%
ECO104148	CBO100672	43%	99.2%	98.6%
ECO104148	CDF100033	35%	22.9%	92.6%
ECO104148	CDF102611	43%	98.4%	97.5%
ECO104148	CDP101232	39%	98.9%	98.3%
ECO104148	EBC104048	93%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104148	EFA200179	43%	99.6%	98.9%
ECO104148	EFM201966	43%	98.8%	98.0%
ECO104148	ECO104148	100%	100%	100%
ECO104148	HIN101359	70%	100%	99.4%
ECO104148	HPY101136	40%	98.9%	98.3%
ECO104148	KPN303513	95%	97.5%	99.6%
ECO104148	LPN102949	53%	94.8%	100%
ECO104148	LMO102840	41%	99.3%	98.2%
ECO104148	MCA101259	55%	100%	99.2%
ECO104148	MAV104126	43%	94.5%	99.9%
ECO104148	MBV101058	43%	97.8%	97.7%
ECO104148	MLP100909	41%	99.5%	98.4%
ECO104148	MTU202412	43%	97.8%	97.7%
ECO104148	MGE100341	31%	99.9%	98.7%
ECO104148	MPN100361	30%	99.6%	98.3%
ECO104148	NGO100851	52%	99.1%	99.5%
ECO104148	NME200089	51%	99.6%	99.4%
ECO104148	PMU100818	70%	100%	99.4%
ECO104148	PRT105161	80%	100%	98.9%
ECO104148	PAE203831	62%	100%	100%
ECO104148	PPU109466	62%	99.5%	100%
ECO104148	PSY104286	64%	100%	100%
ECO104148	SPA100729	91%	70.3%	99.9%
ECO104148	STY104006	95%	100%	100%
ECO104148	SAU801663	40%	98.4%	98.2%
ECO104148	SEP201629	40%	98.4%	98.2%
ECO104148	SHA100785	41%	98.4%	98.2%
ECO104148	SMU100583	43%	97.8%	96.9%
ECO104148	SPN400492	43%	98.2%	97.4%
ECO104148	SPY201210	44%	97.8%	97.1%
ECO104148	TPA101025	39%	98.3%	96.2%
ECO104148	UUR100269	31%	99.2%	98.4%
ECO104148	VCH102467	75%	100%	100%
ECO104148	YPS000947	87%	100%	98.5%
ECO104149	BPT103974	26%	80.3%	82.8%
ECO104149	BFU115196	23%	79.6%	83.3%
ECO104149	BMA104809	23%	79.6%	83.3%
ECO104149	EBC104045	91%	100%	100%
ECO104149	ECO104149	100%	100%	100%
ECO104149	HIN101365	50%	96.6%	95.8%
ECO104149	KPN303511	90%	100%	100%
ECO104149	LPN102121	36%	81.6%	96.0%
ECO104149	NGO101318	29%	94.6%	92.5%
ECO104149	NME201616	29%	94.6%	92.5%
ECO104149	PMU100822	51%	96.6%	95.8%
ECO104149	PRT100708	62%	98.6%	97.3%
ECO104149	PAE203829	34%	83.7%	84.5%
ECO104149	PPU104071	33%	95.9%	94.4%
ECO104149	PSY104282	28%	94.6%	93.0%
ECO104149	SPA100450	93%	100%	100%
ECO104149	STY104009	95%	100%	91.9%
ECO104149	VCH102466	41%	97.3%	96.0%
ECO104149	YPS000946	71%	98.6%	97.3%
ECO104157	ABA100184	24%	90.1%	89.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104157	BCE102585	42%	97.7%	97.7%
ECO104157	ECO104157	100%	100%	100%
ECO104157	SPA101511	83%	100%	100%
ECO104160	BCE113197	34%	94.7%	91%
ECO104160	BCE108719	42%	94.7%	89.9%
ECO104160	EBC102943	71%	99.7%	100%
ECO104160	ECO104160	100%	100%	100%
ECO104160	KPN303490	75%	99.7%	100%
ECO104160	PPU102659	75%	8.3%	35.9%
ECO104160	SPA102170	64%	63.1%	99.2%
ECO104160	STY104029	58%	99.0%	93.6%
ECO104160	YPS001277	63%	15.2%	98.4%
ECO104160	YPS000925	78%	98.7%	93.6%
ECO104164	EBC102171	42%	96.6%	27.5%
ECO104164	ECO100791	42%	96.6%	27.5%
ECO104164	ECO104164	100%	100%	100%
ECO104164	HIN101041	36%	98.0%	30.7%
ECO104164	HIN100985	40%	98.6%	28.3%
ECO104164	KPN301162	40%	96.6%	27.9%
ECO104164	NME101282	40%	98.6%	26.5%
ECO104164	PRT100704	36%	95.9%	28.3%
ECO104164	SPA102068	41%	96.6%	37.0%
ECO104164	STY102390	43%	96.6%	27.6%
ECO104165	ECO104165	100%	100%	100%
ECO104165	YPS003651	40%	26.8%	32.5%
ECO104167	EFM201272	23%	43.7%	50.9%
ECO104167	ECO101210	38%	27.1%	61.7%
ECO104167	ECO104167	100%	100%	100%
ECO104168	ABA103574	23%	86.4%	87.0%
ECO104168	ABA104393	26%	92.7%	96.9%
ECO104168	ABA100187	26%	91.3%	93.6%
ECO104168	BAN101891	26%	84.2%	90.0%
ECO104168	BAN111995	27%	89.2%	95.7%
ECO104168	BCE111986	26%	92.5%	93.1%
ECO104168	BFU102922	28%	92%	84.2%
ECO104168	CDF103974	21%	86.1%	87.3%
ECO104168	EFM202262	31%	84.5%	95.8%
ECO104168	ECO104168	100%	100%	100%
ECO104168	HIN101078	27%	91.8%	98.5%
ECO104168	KPN202674	27%	88.9%	92.0%
ECO104168	PMU100835	29%	89.6%	94.6%
ECO104168	PRT102108	26%	89.2%	93.6%
ECO104168	PAE202112	28%	92%	94.1%
ECO104168	SPA103461	56%	92.7%	100%
ECO104168	STY103701	57%	92.7%	95.3%
ECO104168	STM102259	56%	92.7%	95.3%
ECO104168	SPY201028	25%	86.6%	91.4%
ECO104168	VCH103392	24%	83.1%	86.1%
ECO104176	ABA104707	40%	93.7%	93.0%
ECO104176	BPT102450	40%	100%	100%
ECO104176	CPN200407	33%	92.2%	89.2%
ECO104176	CTR200334	30%	92.5%	89.6%
ECO104176	CBO101131	42%	98.8%	96.9%
ECO104176	CBO101508	44%	98.8%	91.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104176	EBC103339	79%	100%	100%
ECO104176	ECO104176	100%	100%	100%
ECO104176	HIN100341	36%	89.8%	74.5%
ECO104176	MCA100484	35%	92.2%	77.5%
ECO104176	NGO100089	44%	92.2%	92.9%
ECO104176	NME200417	43%	92.2%	92.9%
ECO104176	PMU100128	53%	100%	99.2%
ECO104176	PSY102150	52%	98.8%	95.8%
ECO104176	SEP101306	37%	98.4%	95.8%
ECO104176	UUR100440	26%	93.3%	73.1%
ECO104176	UUR100067	41%	88.6%	78.0%
ECO104177	BAN102006	29%	84.0%	85.6%
ECO104177	BAN106411	32%	99.1%	98.5%
ECO104177	BAN101873	33%	99.7%	97.3%
ECO104177	BAN106549	37%	94.7%	92.6%
ECO104177	CAC101855	31%	99.4%	97.3%
ECO104177	CBO103619	29%	98.7%	96.1%
ECO104177	CBO103030	37%	98.4%	95.1%
ECO104177	CDF102385	35%	98.4%	94.1%
ECO104177	EBC103337	91%	100%	100%
ECO104177	EFA202024	35%	94.7%	91.4%
ECO104177	EFM202344	29%	94.3%	94.3%
ECO104177	ECO104177	100%	100%	100%
ECO104177	HPY100875	37%	85.8%	83.1%
ECO104177	KPN103323	34%	99.4%	97.9%
ECO104177	LMO100925	41%	85.8%	81.5%
ECO104177	PMU100129	52%	99.1%	94.5%
ECO104177	PSY102148	47%	98.7%	97.2%
ECO104177	SAU802175	42%	86.2%	85.7%
ECO104177	SEP201999	44%	85.8%	85.7%
ECO104177	SHA101593	34%	99.4%	96.2%
ECO104177	UUR100360	19%	84.6%	77.1%
ECO104177	UUR100522	20%	83.3%	81.5%
ECO104177	UUR100068	24%	83.6%	80.9%
ECO104180	BFR10661	22%	72.0%	93.6%
ECO104180	EBC103344	98%	100%	100%
ECO104180	ECO104180	100%	100%	100%
ECO104180	HPY101380	23%	49.9%	55.8%
ECO104180	HPY100677	22%	81.7%	92.4%
ECO104180	HPY100794	24%	79.1%	89.1%
ECO104180	NGO100096	25%	19.3%	22.0%
ECO104180	NME101919	23%	19.3%	21.8%
ECO104180	PAE203898	62%	99.1%	99.5%
ECO104180	PPU108419	61%	99.0%	99.6%
ECO104180	PSY101287	63%	92.6%	99.7%
ECO104180	VCH103300	19%	79.8%	89.3%
ECO104180	VCH102800	22%	80.1%	90.2%
ECO104181	BFR104817	23%	56.8%	53.9%
ECO104181	BFR104751	21%	61.2%	61.7%
ECO104181	BFR102219	22%	75.7%	74.4%
ECO104181	BFR103060	24%	49.5%	48.1%
ECO104181	BFR104874	20%	84.5%	87.2%
ECO104181	BFR103005	24%	47.6%	41.0%
ECO104181	BFR101497	23%	59.6%	50%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104181	BFR103599	29%	44.8%	45.0%
ECO104181	BFR102926	24%	59.0%	59.5%
ECO104181	BFR100732	23%	57.1%	64.5%
ECO104181	BFR103796	25%	47.3%	51.4%
ECO104181	BFR104849	22%	89.6%	86.6%
ECO104181	BFR104724	25%	57.4%	57.2%
ECO104181	BFR104421	24%	75.7%	83.5%
ECO104181	BFR104845	25%	54.9%	57.3%
ECO104181	BFR104846	26%	48.9%	42.1%
ECO104181	BFR100316	22%	76.0%	75.6%
ECO104181	BFR104616	23%	76.3%	73.6%
ECO104181	BFR105670	23%	75.4%	60.1%
ECO104181	BPT102473	31%	99.7%	96.0%
ECO104181	BCE113436	37%	95.6%	94.8%
ECO104181	BFU111075	31%	97.2%	97.8%
ECO104181	BMA107603	35%	40.7%	96.3%
ECO104181	EBC103342	96%	100%	100%
ECO104181	ECO104181	100%	100%	100%
ECO104181	KPN101346	72%	19.6%	100%
ECO104181	PRT104465	25%	93.7%	88.4%
ECO104181	PAE203897	36%	96.5%	95.9%
ECO104181	PPU104167	37%	94.3%	94.9%
ECO104181	PSY101289	35%	95.0%	93.2%
ECO104183	CAC101282	31%	79.1%	52.1%
ECO104183	ECO104183	100%	100%	100%
ECO104183	YPS001038	41%	95.6%	98.9%
ECO104183	YPS001009	43%	98.9%	98.9%
ECO104183	YPS001004	43%	98.9%	98.9%
ECO104187	BAN113191	24%	82.1%	89.3%
ECO104187	BAN102445	27%	83.7%	88.6%
ECO104187	CDF101615	33%	91.2%	98.0%
ECO104187	CDP101690	28%	77.1%	79.1%
ECO104187	EBC100789	58%	89.7%	97.9%
ECO104187	ECO100260	58%	90.9%	93.9%
ECO104187	ECO104187	100%	100%	100%
ECO104187	MAV103039	25%	91.8%	98.6%
ECO104187	STM103039	42%	92.8%	98.3%
ECO104206	BPT101287	33%	95.3%	93.8%
ECO104206	ECO104206	100%	100%	100%
ECO104206	KPN303324	79%	86.8%	100%
ECO104206	PRT101726	52%	96.5%	96.8%
ECO104206	PAE200993	35%	96.1%	96.9%
ECO104206	PPU101846	35%	82.2%	94.9%
ECO104206	PSY105014	33%	94.3%	97.1%
ECO104206	SAU402924	19%	25.5%	25.9%
ECO104206	YPS001103	36%	94.4%	96.7%
ECO104212	ECO104212	100%	100%	100%
ECO104212	MAV105559	38%	98.4%	96.4%
ECO104212	PAE202340	43%	96.9%	95.5%
ECO104212	PSY101120	40%	93.8%	92.1%
ECO104212	SPA103867	77%	99.4%	100%
ECO104212	STY100399	79%	99.4%	98.8%
ECO104212	STM100679	79%	99.4%	98.8%
ECO104212	SHA101546	27%	19.1%	38.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104213	BCE114465	33%	87.9%	86.0%
ECO104213	BFU107523	30%	84.8%	87.4%
ECO104213	ECO104213	100%	100%	100%
ECO104213	HIN100053	49%	94.9%	89.8%
ECO104213	KPN301618	46%	95.3%	94.2%
ECO104213	MBV102351	32%	63.0%	67.6%
ECO104213	MTU200492	32%	63.0%	64.7%
ECO104213	PMU101764	20%	84.0%	91.1%
ECO104213	PPU100354	32%	87.2%	94.0%
ECO104213	SPA102961	88%	100%	100%
ECO104213	STY104415	89%	100%	100%
ECO104213	STM104238	89%	100%	100%
ECO104213	YPS000365	51%	94.6%	90.6%
ECO104214	ECO104094	41%	81.5%	84.5%
ECO104214	ECO104214	100%	100%	100%
ECO104218	BAN109731	25%	83.0%	61.4%
ECO104218	BAN101242	25%	83.0%	61.7%
ECO104218	BFR104541	32%	47.7%	18.5%
ECO104218	BPT106864	29%	59.5%	28.8%
ECO104218	CAC103483	25%	68.0%	57.8%
ECO104218	CBO103698	31%	69.9%	59.9%
ECO104218	CDF103367	47%	95.4%	86.9%
ECO104218	ECO104218	100%	100%	100%
ECO104218	LPN103427	32%	53.6%	21.5%
ECO104218	PAE205473	25%	75.8%	31.8%
ECO104218	PPU102004	25%	77.8%	32.5%
ECO104218	PSY101204	26%	75.8%	31.5%
ECO104218	SPA100039	97%	26.1%	72.7%
ECO104218	STY104427	96%	100%	100%
ECO104218	SAU800319	22%	100%	29.1%
ECO104218	VCH103730	53%	94.8%	93.5%
ECO104227	ECO104227	100%	100%	100%
ECO104233	BFR103759	34%	35.5%	7.3%
ECO104233	ECO104233	100%	100%	100%
ECO104233	PSY108408	47%	21.4%	19.6%
ECO104233	SPA103792	64%	61.7%	34.0%
ECO104233	STY104385	64%	0.7%	58.5%
ECO104237	CBO102806	21%	80.4%	90.8%
ECO104237	CDP102071	23%	31.9%	36.0%
ECO104237	EBC104003	22%	90.3%	45.7%
ECO104237	EFM100817	25%	12.1%	81.8%
ECO104237	ECO104237	100%	100%	100%
ECO104237	HPY101363	32%	14.7%	51.2%
ECO104237	KPN204112	22%	44.4%	95.6%
ECO104237	NGO101210	22%	28.4%	32%
ECO104237	NME101733	23%	40.5%	46.3%
ECO104237	PAE202732	23%	20.7%	22.3%
ECO104237	PPU100120	23%	55.4%	6.6%
ECO104237	PSY109124	21%	45.5%	45.1%
ECO104237	SPA100829	42%	99.4%	100%
ECO104237	STY104453	42%	100%	100%
ECO104237	SAU801807	21%	89.0%	47.9%
ECO104237	SPN400445	26%	25%	28.2%
ECO104237	SPN400448	19%	84.1%	83.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104237	SPY201468	26%	19.8%	21.8%
ECO104237	UUR100451	21%	62.9%	52.3%
ECO104241	BAN105415	34%	97.2%	87.9%
ECO104241	BAN100610	36%	98.2%	88.3%
ECO104241	BPT100527	34%	96.1%	76.8%
ECO104241	BCE105851	33%	96.8%	79.6%
ECO104241	BFU104903	34%	96.8%	88.7%
ECO104241	BMA105285	34%	96.8%	85.4%
ECO104241	CDP100497	25%	81.0%	75.7%
ECO104241	EBC103564	89%	100%	100%
ECO104241	EFA201443	26%	100%	88.0%
ECO104241	ECO104241	100%	100%	100%
ECO104241	HPY100308	31%	52.5%	47.7%
ECO104241	KPN303969	88%	100%	89.3%
ECO104241	PRT105871	69%	99.3%	87.1%
ECO104241	PAE204602	50%	98.2%	85.3%
ECO104241	PPU108515	50%	99.3%	88.3%
ECO104241	PSY105304	49%	99.3%	88%
ECO104241	SPA100149	84%	70.1%	76.0%
ECO104241	STY104465	90%	100%	89.3%
ECO104241	SAU800450	25%	96.8%	83.2%
ECO104241	SHA102676	26%	80.3%	69.3%
ECO104242	ABA102199	40%	82.1%	55%
ECO104242	BAN106862	42%	73.1%	81.7%
ECO104242	BAN100124	40%	92.5%	78.4%
ECO104242	BCE111053	56%	100%	100%
ECO104242	CJU100846	35%	95.5%	98.5%
ECO104242	CDP102875	32%	73.1%	69.7%
ECO104242	EBC103562	89%	100%	100%
ECO104242	ECO104242	100%	100%	100%
ECO104242	KPN303965	91%	100%	100%
ECO104242	NGO100488	31%	86.6%	85.9%
ECO104242	NME201558	31%	86.6%	85.9%
ECO104242	PRT102284	85%	100%	100%
ECO104242	PAE204603	67%	100%	100%
ECO104242	PPU108517	68%	100%	100%
ECO104242	PSY105303	65%	100%	100%
ECO104242	SPA100318	73%	100%	100%
ECO104242	STY104469	94%	100%	100%
ECO104242	STM101111	73%	100%	100%
ECO104242	YPS000934	42%	73.1%	48.5%
ECO104243	EBC103560	93%	97.1%	100%
ECO104243	ECO104243	100%	100%	100%
ECO104243	HIN101100	29%	47.6%	88.7%
ECO104243	KPN303963	94%	78.8%	97.6%
ECO104243	PRT105711	89%	99.3%	100%
ECO104243	PAE204604	69%	97.9%	99.6%
ECO104243	PPU108519	69%	97.9%	99.6%
ECO104243	PSY105302	68%	89.3%	99.2%
ECO104243	SPA100405	96%	63.9%	100%
ECO104243	STY104486	96%	99.3%	100%
ECO104248	BPT100647	22%	48.7%	53.8%
ECO104248	CJU100983	21%	24.3%	28.8%
ECO104248	CBO100209	22%	29.3%	36.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104248	EBC102765	83%	99.7%	97.8%
ECO104248	EFA200629	21%	39.9%	45.3%
ECO104248	ECO104248	100%	100%	100%
ECO104248	HIN101218	22%	36.8%	40.6%
ECO104248	HPY100571	22%	31.1%	35.5%
ECO104248	KPN300147	83%	18.4%	100%
ECO104248	KPN303987	86%	100%	98.3%
ECO104248	PMU101683	22%	45.2%	50.1%
ECO104248	PAE201688	24%	33.7%	35.4%
ECO104248	PPU105635	27%	28.1%	27.3%
ECO104248	PSY104669	23%	35.5%	37.4%
ECO104248	SPA101818	92%	70.7%	88.2%
ECO104248	STY104492	91%	99.9%	98.2%
ECO104248	SMU100078	19%	46.8%	53.0%
ECO104248	VCH103522	23%	31.1%	33.5%
ECO104257	ABA105495	32%	95.9%	98.8%
ECO104257	BAN109779	30%	30.3%	53.5%
ECO104257	BAN106573	32%	46.9%	81.4%
ECO104257	CJU100460	33%	22.2%	33.0%
ECO104257	CDP100325	31%	42.9%	30.9%
ECO104257	EBC100359	84%	64.7%	100%
ECO104257	ECO104257	100%	100%	100%
ECO104257	HIN100011	46%	94.8%	97.3%
ECO104257	KPN302168	89%	93.9%	100%
ECO104257	LMO100106	30%	47.2%	81.6%
ECO104257	MBV104557	35%	27.1%	39.4%
ECO104257	MTU200557	35%	27.1%	39.4%
ECO104257	PMU100958	48%	94.8%	97.3%
ECO104257	PRT100948	54%	97.4%	99.1%
ECO104257	PAE204625	40%	95.9%	98.5%
ECO104257	PPU103990	37%	95.9%	98.5%
ECO104257	PSY102430	37%	95.9%	98.5%
ECO104257	STY104541	90%	99.7%	100%
ECO104257	SAU800541	31%	47.2%	82.7%
ECO104257	SHA101635	28%	50.4%	88.1%
ECO104257	SMU100923	32%	47.2%	80.8%
ECO104257	SPN400743	31%	49.3%	85.2%
ECO104257	SPY200944	32%	49.0%	84.3%
ECO104257	VCH100611	42%	97.4%	99.4%
ECO104257	YPS000089	69%	98.5%	97.4%
ECO104266	CBO103949	43%	94.8%	97.6%
ECO104266	EBC103570	86%	87.8%	100%
ECO104266	ECO104266	100%	100%	100%
ECO104266	HIN100500	40%	87.8%	88.7%
ECO104266	PRT104710	71%	99.0%	99.6%
ECO104266	PSY100831	28%	23.1%	21.5%
ECO104266	SPA102180	75%	81.2%	100%
ECO104266	STY104578	89%	100%	100%
ECO104277	ABA100489	71%	99.8%	99.8%
ECO104277	BFR12450	57%	46.7%	99.1%
ECO104277	BPT101569	70%	99.6%	100%
ECO104277	BCE110991	72%	94.6%	99.8%
ECO104277	BFU107313	72%	100%	100%
ECO104277	BMA109904	71%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO104277	CDF101289	40%	97.5%	38.7%
ECO104277	CDP101266	53%	100%	100%
ECO104277	EBC103175	95%	100%	100%
ECO104277	EFM100646	36%	96.4%	43.4%
ECO104277	ECO104277	100%	100%	100%
ECO104277	HIN101224	86%	99.8%	99.6%
ECO104277	KPN302187	96%	99.6%	100%
ECO104277	LMO101330	37%	95.9%	39.4%
ECO104277	MCA100198	68%	99.6%	99.6%
ECO104277	MAV100344	57%	100%	99.8%
ECO104277	MBV101523	56%	100%	99.8%
ECO104277	MLP100773	56%	100%	99.8%
ECO104277	MTU202441	56%	100%	99.8%
ECO104277	NGO100693	68%	99.6%	99.5%
ECO104277	NME201942	69%	99.6%	99.5%
ECO104277	PMU100425	87%	99.8%	99.6%
ECO104277	PRT101954	89%	100%	100%
ECO104277	PAE204593	74%	99.8%	100%
ECO104277	PPU109750	72%	98.7%	100%
ECO104277	PSY100129	71%	31.0%	97.6%
ECO104277	SPA101244	94%	97.3%	56.5%
ECO104277	STY104621	97%	100%	100%
ECO104277	VCH100685	79%	100%	100%
ECO104286	BCE106333	34%	91.3%	91.8%
ECO104286	ECO104286	100%	100%	100%
ECO104286	KPN302096	63%	100%	99.8%
ECO104286	PMU100722	30%	19.1%	27.5%
ECO104286	PAE200464	38%	93.8%	96.0%
ECO104286	SPA103705	72%	100%	100%
ECO104286	STY100644	73%	100%	100%
ECO104286	STM100405	73%	100%	100%
ECO104286	SHA102806	29%	16.2%	80.6%
ECO104286	SMU101645	36%	12.7%	25.3%
ECO104286	VCH101112	31%	15.1%	15.8%
ECO104286	YPS000166	46%	94.9%	87.0%
ECO201063	EBC107300	65%	75.3%	98.2%
ECO201063	ECO101962	97%	100%	100%
ECO201249	ECO201249	100%	100%	100%
ECO201472	BFU102395	44%	89.2%	65.3%
ECO201472	EBC103227	79%	63.9%	100%
ECO201472	ECO102590	76%	88.6%	87.5%
ECO201472	ECO100239	80%	100%	100%
ECO201472	ECO101961	97%	93.7%	100%
ECO201472	LPN103162	46%	66.5%	95.5%
ECO201472	SEP200678	41%	38.0%	57.1%
ECO201937	ECO201937	100%	100%	100%
ECO201962	BFR100408	21%	19.5%	25.7%
ECO201962	BPT101287	30%	92.0%	89.6%
ECO201962	ECO101476	98%	43.3%	100%
ECO201962	ECO104206	57%	97.6%	97.0%
ECO201962	KPN305983	36%	94.8%	95.1%
ECO201962	KPN303324	61%	85.1%	98.2%
ECO201962	PRT101028	43%	95.2%	96.0%
ECO201962	PRT101726	45%	96.0%	96.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO201962	PAE200993	33%	97.6%	97.9%
ECO201962	PPU101846	33%	84.7%	98.1%
ECO201962	PSY104278	33%	70.4%	97.5%
ECO201962	PSY105014	32%	91.7%	91.6%
ECO201962	SPA104864	44%	95.5%	100%
ECO201962	STM100755	44%	96.9%	97.5%
ECO201962	YPS001103	34%	97.1%	98.8%
ECO201962	YPS000524	35%	92.0%	91.4%
ECO202164	ABA104543	28%	41.3%	19.8%
ECO202164	BCE101745	31%	47.0%	20.9%
ECO202164	CDP101707	37%	90.9%	43.5%
ECO202164	ECO202164	100%	100%	100%
ECO202164	KPN100079	91%	30%	100%
ECO202164	SAU802473	39%	96.5%	43.2%
ECO202164	SHA101725	39%	96.5%	43.0%
ECO202228	EBC104921	68%	95%	100%
ECO202228	ECO202228	100%	100%	100%
ECO202228	KPN305748	66%	95%	69.4%
ECO202228	SPA104369	66%	95%	100%
ECO202238	EBC106405	50%	74.6%	78.6%
ECO202238	ECO202238	100%	100%	100%
ECO202238	SPA106377	26%	94.9%	100%
ECO202902	ECO202902	100%	100%	100%
ECO202902	SPA105152	78%	39.6%	14.6%
ECO204438	EBC105029	68%	96.4%	100%
ECO204438	ECO204438	100%	100%	100%
ECO204438	KPN205390	58%	94.0%	100%
ECO204438	PRT104175	36%	73.5%	69.9%
ECO204438	SPA100720	75%	74.7%	73.4%
ECO204448	ECO204448	100%	100%	100%
ECO204448	SPA101764	69%	98.8%	100%
ECO204448	STY105423	78%	47.5%	88.4%
ECO204845	ECO204845	100%	100%	100%
ECO204845	PAE107444	24%	33.0%	45.5%
ECO204900	ABA100225	27%	35.8%	38.1%
ECO204900	ABA100477	27%	34.3%	61.1%
ECO204900	BAN104847	33%	20.2%	18.2%
ECO204900	BAN109223	32%	7.8%	34.8%
ECO204900	BAN101440	31%	8.3%	31.7%
ECO204900	BAN110288	23%	31.9%	18.9%
ECO204900	BCE108121	27%	67.7%	57.0%
ECO204900	BFU107935	31%	7.1%	31.6%
ECO204900	BFU100092	46%	8.9%	98.9%
ECO204900	BFU100109	27%	23.2%	47.7%
ECO204900	BFU102581	29%	56.8%	5.1%
ECO204900	CAC100404	30%	8.8%	33.2%
ECO204900	EBC107494	28%	13.9%	85%
ECO204900	EBC103412	27%	12.8%	59.2%
ECO204900	ECO100490	77%	9.4%	39.4%
ECO204900	ECO103517	90%	15.6%	66.1%
ECO204900	ECO100686	95%	33.0%	68.1%
ECO204900	ECO101427	76%	53.0%	77.6%
ECO204900	ECO100488	67%	98.8%	69.6%
ECO204900	ECO100683	92%	73.4%	31.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO204900	ECO103515	86%	78.7%	33.7%
ECO204900	ECO103405	85%	78.7%	32.9%
ECO204900	PRT103688	31%	10.6%	73.6%
ECO204900	PRT103361	33%	11.5%	78.0%
ECO204900	PRT103421	25%	67.7%	57.2%
ECO204900	PAE202682	32%	31.4%	37.7%
ECO204900	PPU107712	31%	10.9%	93.1%
ECO204900	PPU110484	27%	9.2%	58.3%
ECO204900	PPU109654	25%	38.7%	86.8%
ECO204900	PPU107101	40%	5.6%	5.5%
ECO204900	PPU109653	27%	58.8%	69.8%
ECO204900	PPU110482	25%	63.8%	22.1%
ECO204900	PPU109652	25%	60.3%	22.3%
ECO204900	PSY108533	29%	4.2%	80.6%
ECO204900	PSY101322	55%	6.0%	24.3%
ECO204900	PSY105816	42%	11.6%	51.6%
ECO204900	PSY102083	26%	55.5%	21.6%
ECO204900	SPA106438	42%	8.6%	5.5%
ECO204900	SPA100247	28%	65.1%	49.1%
ECO204900	STY104095	29%	60.7%	45.3%
ECO204900	STM103807	42%	11.0%	44.7%
ECO204900	STM103806	26%	46.7%	19.0%
ECO204900	YPS002988	30%	55.6%	24.5%
ECO204900	YPS002860	25%	63.7%	38.3%
ECO204942	ABA100233	85%	33.5%	98.5%
ECO204942	ABA100062	84%	99.5%	99.5%
ECO204942	BAN106076	74%	99.7%	99.7%
ECO204942	BFR12122	71%	99.7%	99.7%
ECO204942	BPT100044	80%	99.7%	99.7%
ECO204942	BPT100847	80%	99.7%	99.7%
ECO204942	BBU100475	64%	99.7%	98.0%
ECO204942	BCE112288	75%	15.5%	98.4%
ECO204942	BCE106056	81%	52.5%	100%
ECO204942	BCE108906	80%	99.7%	99.7%
ECO204942	BFU100267	74%	37.3%	99.3%
ECO204942	BFU100847	79%	99.7%	99.7%
ECO204942	BMA107343	78%	95.9%	100%
ECO204942	BMA106305	79%	99.7%	99.7%
ECO204942	CJU100435	72%	99.7%	99.7%
ECO204942	CPN200689	68%	99.5%	99.5%
ECO204942	CTR200588	67%	100%	98.7%
ECO204942	CAC103049	72%	99.7%	99.7%
ECO204942	CBO100671	69%	10.9%	95.6%
ECO204942	CBO101209	74%	59.1%	100%
ECO204942	CBO101304	72%	99.5%	99.5%
ECO204942	CDF100547	73%	99.7%	95.9%
ECO204942	CDP100912	71%	99.7%	99.7%
ECO204942	EBC101615	99%	33.8%	99.3%
ECO204942	EBC100362	97%	47.7%	100%
ECO204942	EBC102891	97%	99.7%	99.7%
ECO204942	EFA202006	76%	99.7%	99.7%
ECO204942	EFM100161	74%	71.3%	100%
ECO204942	ECO103262	99%	99.7%	99.7%
ECO204942	ECO103878	99%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO204942	HIN100558	92%	99.7%	99.7%
ECO204942	HIN100613	92%	99.7%	99.7%
ECO204942	HPY101188	72%	99.7%	99.7%
ECO204942	KPN300520	98%	23.6%	100%
ECO204942	KPN300653	97%	79.9%	99.7%
ECO204942	KPN300869	97%	99.7%	99.7%
ECO204942	LMO102516	74%	99.5%	99.5%
ECO204942	MCA100162	81%	99.5%	99.5%
ECO204942	MAV102941	74%	99.7%	99.7%
ECO204942	MBV103318	73%	99.7%	99.7%
ECO204942	MLP101139	74%	99.7%	99.7%
ECO204942	MTU200682	73%	99.7%	99.7%
ECO204942	MGE100460	69%	99.7%	99.7%
ECO204942	MPN100177	69%	99.7%	99.7%
ECO204942	NGO101673	82%	100%	100%
ECO204942	NGO101620	82%	100%	100%
ECO204942	NME200128	83%	100%	100%
ECO204942	NME200143	83%	100%	100%
ECO204942	PMU101746	91%	99.7%	99.7%
ECO204942	PMU101357	92%	99.7%	99.7%
ECO204942	PRT100737	95%	24.6%	100%
ECO204942	PRT100321	94%	99.7%	99.7%
ECO204942	PAE204275	83%	99.7%	99.7%
ECO204942	PAE204263	83%	99.7%	99.7%
ECO204942	PPU104463	77%	76.6%	99.7%
ECO204942	PPU104501	76%	99.7%	99.7%
ECO204942	PSY107231	76%	100%	100%
ECO204942	SPA104331	98%	39.3%	99.4%
ECO204942	SPA102798	98%	99.7%	99.7%
ECO204942	STY102689	98%	99.7%	99.7%
ECO204942	STY101782	98%	99.7%	99.7%
ECO204942	STM102043	98%	99.7%	99.7%
ECO204942	SAU800548	74%	99.7%	99.7%
ECO204942	SEP200072	74%	99.5%	99.5%
ECO204942	SHA101389	74%	99.7%	99.7%
ECO204942	SMU101538	72%	99.5%	99.5%
ECO204942	SPN401342	72%	99.5%	99.5%
ECO204942	SPY200441	72%	99.5%	99.5%
ECO204942	TPA100185	68%	99.7%	79.6%
ECO204942	UUR100528	71%	99.2%	99.2%
ECO204942	VCH100316	86%	100%	100%
ECO204942	VCH100357	86%	100%	100%
ECO204942	YPS000510	92%	99.7%	99.7%
ECO204942	YPS001855	94%	100%	100%
ECO205169	BAN110650	28%	67.7%	98.2%
ECO205169	BAN102654	29%	94.0%	98.9%
ECO205169	CDF104202	39%	19.9%	84.5%
ECO205169	CDF102535	35%	26.1%	85.8%
ECO205169	CDF103887	34%	52.5%	97.1%
ECO205169	CDF100871	33%	76.6%	95.2%
ECO205169	CDF103297	32%	92.0%	96.2%
ECO205169	CDF101218	32%	92.0%	96.2%
ECO205169	CDF103939	32%	92.0%	96.2%
ECO205169	CDF100573	32%	92.0%	96.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
ECO205169	CDF101412	33%	92.0%	96.2%
ECO205169	CDF100312	33%	92.0%	96.2%
ECO205169	CDF103189	33%	92.0%	96.2%
ECO205169	EFA200364	25%	80.8%	89.6%
ECO205169	EFM201897	23%	80.1%	91.4%
ECO205169	EFM201232	31%	93.0%	96.9%
ECO205169	ECO101403	96%	100%	100%
ECO205169	HPY100981	30%	91.3%	83.4%
ECO205169	HPY100434	30%	91.3%	83.4%
ECO205169	HPY100973	30%	91.3%	83.4%
ECO205169	HPY101512	30%	91.3%	83.4%
ECO205169	HPY101078	30%	91.3%	83.4%
ECO205169	KPN204073	83%	99.5%	100%
ECO205169	MCA103372	29%	54.7%	96.1%
ECO205169	MBV101240	25%	97.3%	91.7%
ECO205169	MTU203772	25%	79.6%	85.3%
ECO205169	MTU202753	25%	97.3%	91.7%
ECO205169	NME102130	55%	56.0%	100%
ECO205169	PRT106097	80%	11.4%	100%
ECO205169	PRT104808	90%	31.6%	96.9%
ECO205169	PRT103046	80%	53.7%	99.5%
ECO205169	PRT105185	83%	90.8%	100%
ECO205169	PRT102105	81%	94.8%	99.7%
ECO205169	PRT102853	82%	99.8%	97.8%
ECO205169	PRT105904	82%	99.3%	99.3%
ECO205169	PRT105312	82%	99.8%	97.8%
ECO205169	PRT101071	83%	99.8%	99.8%
ECO205169	SPA101059	64%	97.0%	100%
ECO205169	STY101241	64%	96.0%	97.3%
ECO205169	STM101920	35%	95.5%	88.5%
ECO205205	ECO205205	100%	100%	100%
ECO205289	BAN102833	31%	28.5%	66.7%
ECO205289	BMA106255	28%	44.6%	71.2%
ECO205289	CDF103560	27%	39.2%	65.2%
ECO205289	ECO205289	100%	100%	100%
ECO301060	ECO302213	90%	39.6%	46.5%
ECO301060	ECO301060	100%	100%	100%
ECO302213	ECO301060	90%	46.5%	39.6%
ECO302213	ECO302213	100%	100%	100%
ECO302775	BPT101815	28%	18.0%	18.6%
ECO302775	CAC103385	20%	13.3%	41.9%
ECO302775	CAC102155	28%	14.8%	18.3%
ECO302775	EFM200948	23%	33.8%	46.9%
ECO302775	ECO100289	53%	18.4%	82.0%
ECO302775	ECO101940	85%	99.2%	94.0%
ECO302775	PRT101411	28%	86.0%	82.5%
ECO302775	SPA102738	40%	24.8%	93.9%
ECO302775	SPN103543	23%	33.2%	93.8%
ECO302775	SPY100972	22%	15.1%	98.6%
ECO302775	YPS002407	32%	96.9%	91.6%
ECO304472	ECO304472	100%	100%	100%
ECO305338	ECO305338	100%	100%	100%
EFA104836	BAN108189	52%	95.5%	36.8%
EFA104836	BAN100435	52%	95.5%	36.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA104836	CBO101665	34%	97.7%	38.9%
EFA104836	CDF103326	41%	88.6%	37.1%
EFA104836	EFA202216	97%	90.9%	35.1%
EFA104836	EFM200511	75%	90.9%	35.1%
EFA104836	LMO102819	43%	68.2%	28.6%
EFA104836	SAU801646	41%	70.5%	27.7%
EFA104836	SEP201611	41%	70.5%	29.2%
EFA104836	SHA100023	43%	72.7%	30.2%
EFA104836	SMU100756	55%	90.9%	35.1%
EFA104836	SPN401013	55%	90.9%	35.1%
EFA104836	SPY200611	50%	90.9%	37.0%
EFA104836	TPA100736	51%	65.9%	26.9%
EFA200179	ABA101795	41%	99.5%	99.3%
EFA200179	BAN107436	55%	99.3%	99.3%
EFA200179	BAN109623	72%	99.3%	99.3%
EFA200179	BFR103128	43%	99.3%	99.8%
EFA200179	BPT100020	40%	99.7%	98.9%
EFA200179	BBU100737	44%	99.0%	99.2%
EFA200179	BCE114033	41%	99.0%	99.6%
EFA200179	BFU109684	42%	99.0%	98.6%
EFA200179	BMA104351	41%	99.3%	99.6%
EFA200179	CJU100714	40%	99.1%	98.9%
EFA200179	CPN200668	35%	99.5%	98.8%
EFA200179	CTR200568	37%	99.3%	99.8%
EFA200179	CAC100067	51%	99.8%	100%
EFA200179	CBO100672	51%	99.8%	100%
EFA200179	CDF100033	38%	25.9%	98.7%
EFA200179	CDF102611	52%	99.7%	99.5%
EFA200179	CDP101232	44%	99.1%	99.2%
EFA200179	EBC104048	42%	97.7%	99.2%
EFA200179	EFA200179	100%	100%	100%
EFA200179	EFM201966	89%	100%	99.9%
EFA200179	ECO104148	43%	98.9%	99.6%
EFA200179	HIN101359	43%	100%	100%
EFA200179	HPY101136	41%	98.9%	99.0%
EFA200179	KPN303513	43%	96.1%	99.1%
EFA200179	LPN102949	45%	93.3%	99.1%
EFA200179	LMO102840	69%	99.7%	99.3%
EFA200179	MCA101259	40%	99.4%	99.6%
EFA200179	MAV104126	44%	93.5%	100%
EFA200179	MBV101058	44%	99.1%	99.9%
EFA200179	MLP100909	43%	99.1%	98.8%
EFA200179	MTU202412	44%	99.1%	99.9%
EFA200179	MGE100341	35%	99.7%	99.5%
EFA200179	MPN100361	35%	99.7%	99.5%
EFA200179	NGO100851	41%	98.6%	99.8%
EFA200179	NME200089	41%	98.8%	99.6%
EFA200179	PMU100818	44%	100%	100%
EFA200179	PRT105161	43%	99.8%	99.0%
EFA200179	PAE203831	44%	98.5%	99.6%
EFA200179	PPU109466	44%	96.5%	97.9%
EFA200179	PSY104286	43%	98.9%	99.6%
EFA200179	SPA100729	39%	66.9%	98.4%
EFA200179	STY104006	43%	98.9%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200179	SAU801663	65%	98.9%	99.4%
EFA200179	SEP201629	65%	98.9%	99.4%
EFA200179	SHA100785	64%	99.3%	99.9%
EFA200179	SMU100583	71%	99.3%	99.3%
EFA200179	SPN400492	71%	99.5%	99.5%
EFA200179	SPY201210	72%	99.3%	99.4%
EFA200179	TPA101025	42%	96.9%	96.0%
EFA200179	UUR100269	41%	97.3%	97.3%
EFA200179	VCH102467	42%	98.5%	99.6%
EFA200179	YPS000947	41%	99.7%	98.9%
EFA200192	ABA100922	34%	98.4%	96.7%
EFA200192	BAN110804	52%	98.4%	98.6%
EFA200192	BAN108869	65%	98.4%	99.2%
EFA200192	BFR102616	34%	94.5%	99.0%
EFA200192	BPT102905	40%	97.4%	92.7%
EFA200192	BBU100371	36%	97.1%	97.1%
EFA200192	BCE100150	43%	58.0%	97.8%
EFA200192	BFU100071	38%	96.5%	99.1%
EFA200192	BMA103736	38%	98.2%	98.9%
EFA200192	CJU101212	38%	98.2%	98.7%
EFA200192	CPN200187	39%	97.6%	92.5%
EFA200192	CTR200720	38%	99.2%	94.5%
EFA200192	CAC101596	38%	97.8%	97.5%
EFA200192	CBO103047	37%	97.6%	96.1%
EFA200192	CDF100252	44%	97.4%	98.0%
EFA200192	CDP100231	37%	98.0%	96.6%
EFA200192	EBC100212	39%	98.4%	99.1%
EFA200192	EFA200192	100%	100%	100%
EFA200192	EFM202131	85%	98.8%	99.8%
EFA200192	ECO102355	38%	98.4%	97.7%
EFA200192	HIN100261	36%	98.4%	95.6%
EFA200192	HPY100472	37%	98.8%	99.6%
EFA200192	KPN305021	44%	42.2%	99.5%
EFA200192	LPN103492	38%	98.2%	97.4%
EFA200192	LMO101411	65%	97.8%	97.8%
EFA200192	MCA102322	35%	97.4%	94.7%
EFA200192	MAV101415	34%	93.7%	97.0%
EFA200192	MBV101327	36%	97.4%	99.4%
EFA200192	MLP101032	35%	97.8%	95.6%
EFA200192	MTU202954	36%	97.4%	96.7%
EFA200192	MGE100471	41%	98.8%	98.8%
EFA200192	MPN100164	40%	98.8%	98.8%
EFA200192	NGO100018	36%	97.4%	99.1%
EFA200192	NME200234	36%	97.4%	99.1%
EFA200192	PMU101115	36%	98.4%	95.6%
EFA200192	PRT100735	36%	98.8%	97.9%
EFA200192	PAE203132	35%	98.8%	95.3%
EFA200192	PPU101878	34%	98.8%	95.5%
EFA200192	PSY105734	35%	98.8%	95.5%
EFA200192	SPA103535	34%	98.4%	97.7%
EFA200192	STY101161	38%	92.9%	91.4%
EFA200192	STM101572	29%	25.5%	21.1%
EFA200192	SAU800528	64%	98.0%	99.0%
EFA200192	SEP201872	64%	98.4%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200192	SHA101478	62%	94.7%	99.6%
EFA200192	SMU100660	63%	98.4%	98.6%
EFA200192	SPN401878	62%	98.2%	98.1%
EFA200192	SPY200174	61%	98.2%	99.2%
EFA200192	TPA100665	33%	98.4%	97.2%
EFA200192	UUR100606	41%	98.4%	99.0%
EFA200192	VCH102180	38%	99.0%	92.5%
EFA200192	YPS000590	38%	98.4%	97.7%
EFA200195	BAN110506	69%	98.0%	100%
EFA200195	BAN101466	70%	98.0%	99.1%
EFA200195	CJU101614	39%	98.0%	83.1%
EFA200195	CAC102576	46%	96.8%	98.0%
EFA200195	CBO101502	45%	96.8%	98.2%
EFA200195	CBO103283	47%	96.8%	95.6%
EFA200195	CDF101226	47%	93.9%	99.1%
EFA200195	CDP100435	38%	98.0%	80.1%
EFA200195	EFA200195	100%	100%	100%
EFA200195	EFM202397	92%	70.8%	100%
EFA200195	ECO103977	24%	30.7%	28.4%
EFA200195	HPY101409	38%	97.9%	80.1%
EFA200195	LPN100348	25%	19.8%	23.7%
EFA200195	LPN101706	28%	19.3%	30.7%
EFA200195	LMO101604	72%	98.0%	99.1%
EFA200195	MAV101957	36%	96.8%	94.2%
EFA200195	MBV104272	37%	96.8%	96.6%
EFA200195	MLP100931	36%	96.8%	96.6%
EFA200195	MTU202715	37%	96.8%	96.6%
EFA200195	MGE100141	37%	97.1%	97.0%
EFA200195	MPN100555	39%	96.3%	96.1%
EFA200195	STY103504	58%	4.3%	9.1%
EFA200195	SAU801089	63%	97.5%	97.0%
EFA200195	SEP200794	62%	98.0%	98.4%
EFA200195	SHA100488	63%	97.5%	98.6%
EFA200195	SMU100700	73%	98.6%	98.8%
EFA200195	SPN400125	74%	98.9%	91.0%
EFA200195	SPY201445	74%	98.6%	98.8%
EFA200195	UUR100577	36%	99.5%	94.1%
EFA200198	ABA101300	46%	98.1%	96.2%
EFA200198	BAN108420	56%	100%	99.4%
EFA200198	BAN110909	56%	100%	100%
EFA200198	BFR11201	51%	99.4%	98.1%
EFA200198	BPT100080	55%	98.7%	40.4%
EFA200198	BCE101526	58%	98.7%	38.3%
EFA200198	BFU110885	55%	97.5%	91.1%
EFA200198	BMA106181	58%	97.5%	35.2%
EFA200198	CJU101513	48%	93.6%	39.6%
EFA200198	CPN200202	26%	95.5%	86.4%
EFA200198	CTR200708	26%	95.5%	85.4%
EFA200198	CAC103092	55%	98.1%	99.4%
EFA200198	CBO102643	58%	98.7%	100%
EFA200198	CDF102172	54%	94.3%	38.6%
EFA200198	CDP100612	33%	98.7%	95%
EFA200198	EBC104342	52%	99.4%	98.7%
EFA200198	EFA200198	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200198	ECO102686	53%	99.4%	98.1%
EFA200198	HIN100652	55%	98.7%	98.1%
EFA200198	HPY101003	48%	91.7%	35.5%
EFA200198	KPN306639	63%	19.1%	83.3%
EFA200198	KPN306058	53%	99.4%	98.1%
EFA200198	LMO100427	61%	100%	100%
EFA200198	MCA101636	47%	100%	97.5%
EFA200198	MAV100054	39%	97.5%	94.3%
EFA200198	MBV100383	47%	45.2%	93.4%
EFA200198	MLP100221	40%	97.5%	94.9%
EFA200198	MTU203529	37%	97.5%	94.3%
EFA200198	MGE100468	26%	70.7%	71.0%
EFA200198	MPN100169	25%	98.7%	95.9%
EFA200198	NGO100248	52%	98.1%	96.2%
EFA200198	NME201571	51%	98.1%	96.2%
EFA200198	PMU101609	53%	100%	99.4%
EFA200198	PRT101944	53%	99.4%	97.5%
EFA200198	PAE203625	51%	98.1%	98.1%
EFA200198	PPU101189	50%	98.1%	98.1%
EFA200198	PSY104319	50%	98.1%	98.1%
EFA200198	SPA100750	52%	97.5%	98.1%
EFA200198	STY103432	53%	99.4%	98.1%
EFA200198	TPA100508	44%	99.4%	39.1%
EFA200198	VCH100519	51%	100%	99.4%
EFA200198	YPS000097	53%	98.1%	96.3%
EFA200239	ABA105771	24%	96.0%	90.2%
EFA200239	BAN101572	39%	96.0%	98.3%
EFA200239	BAN113353	43%	96.0%	95.8%
EFA200239	BFR11486	35%	94.7%	95.7%
EFA200239	BFR10152	35%	90.7%	96.4%
EFA200239	BPT102621	41%	98.1%	97.3%
EFA200239	BCE112181	40%	97.5%	96.7%
EFA200239	BFU100682	39%	98.4%	97.6%
EFA200239	BMA103928	41%	97.5%	96.7%
EFA200239	CJU100297	40%	98.1%	96.9%
EFA200239	CPN200454	37%	98.1%	96.1%
EFA200239	CTR200503	37%	98.1%	98.5%
EFA200239	CAC101231	45%	98.8%	98.5%
EFA200239	CBO102871	43%	96.6%	96.0%
EFA200239	CDF101767	42%	98.4%	97.9%
EFA200239	EBC100408	40%	96.9%	99.7%
EFA200239	EFA200239	100%	100%	100%
EFA200239	EFM200290	62%	100%	100%
EFA200239	ECO101064	39%	98.4%	99.1%
EFA200239	HIN100150	39%	98.1%	98.7%
EFA200239	HPY100199	39%	99.4%	98.5%
EFA200239	KPN300926	39%	98.4%	99.1%
EFA200239	LPN101178	41%	99.4%	99.4%
EFA200239	LMO102110	38%	98.1%	98.1%
EFA200239	MCA101964	28%	80.7%	71.9%
EFA200239	MAV100667	34%	96.3%	93.1%
EFA200239	MBV104576	32%	74.8%	90.7%
EFA200239	MTU200530	30%	96.3%	93.1%
EFA200239	NGO101399	41%	98.4%	98.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200239	NME200499	42%	98.4%	98.8%
EFA200239	PMU101914	40%	98.4%	99.1%
EFA200239	PRT100179	39%	98.4%	99.1%
EFA200239	PAE203331	37%	95.6%	93.3%
EFA200239	PPU100970	28%	95.3%	99.0%
EFA200239	PSY100579	34%	99.4%	98.8%
EFA200239	SPA100961	38%	98.4%	99.1%
EFA200239	STY102530	38%	98.4%	99.1%
EFA200239	STM102718	38%	98.4%	99.1%
EFA200239	SAU800983	39%	95.6%	95.5%
EFA200239	SEP200204	38%	95.6%	95.5%
EFA200239	SHA101381	38%	95.6%	95.5%
EFA200239	SMU100549	60%	99.1%	99.4%
EFA200239	SPN400377	57%	99.1%	99.4%
EFA200239	SPY201352	59%	99.1%	99.4%
EFA200239	VCH101993	41%	98.4%	99.1%
EFA200239	YPS003123	40%	98.4%	99.1%
EFA200240	CJU100409	35%	90.7%	90.9%
EFA200240	CPN200457	43%	94.7%	92.4%
EFA200240	CTR200500	36%	93.3%	93.5%
EFA200240	CAC102446	41%	96%	94.7%
EFA200240	CBO100718	55%	96%	95.9%
EFA200240	EFA200240	100%	100%	100%
EFA200240	EFM201544	85%	98.7%	100%
EFA200240	MPN100432	48%	41.3%	36.9%
EFA200240	SMU100547	67%	94.7%	94.6%
EFA200240	SPN400378	66%	94.7%	94.6%
EFA200240	SPY201351	66%	94.7%	94.6%
EFA200245	ABA100122	52%	99.3%	98.7%
EFA200245	BAN102154	53%	96.7%	99.8%
EFA200245	BAN113444	58%	97.4%	98.7%
EFA200245	BFR11898	50%	97.8%	88.3%
EFA200245	BFR11613	52%	96.9%	87.5%
EFA200245	BPT100134	52%	96.7%	96.5%
EFA200245	BCE104481	52%	97.1%	96.9%
EFA200245	BFU115826	52%	97.1%	96.9%
EFA200245	BMA101045	51%	97.1%	96.9%
EFA200245	CJU101214	51%	96.1%	98.2%
EFA200245	CPN200575	54%	96.3%	96.5%
EFA200245	CTR200394	54%	96.3%	95.8%
EFA200245	CAC103617	62%	97.4%	99.1%
EFA200245	CBO103874	62%	98.5%	100%
EFA200245	CDF101399	54%	98.0%	98.5%
EFA200245	CDP100825	44%	93.2%	71.2%
EFA200245	EBC102634	50%	64.9%	93.0%
EFA200245	EFA200245	100%	100%	100%
EFA200245	EFM201807	84%	99.6%	98.9%
EFA200245	ECO103186	52%	97.4%	98.4%
EFA200245	HIN100951	52%	97.4%	98.7%
EFA200245	HPY100366	49%	97.4%	96.5%
EFA200245	KPN308876	52%	97.4%	98.4%
EFA200245	LPN102993	52%	97.4%	98.9%
EFA200245	LMO101165	59%	99.3%	99.8%
EFA200245	MCA102208	53%	94.3%	95.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200245	MAV103606	49%	96.9%	62.3%
EFA200245	MBV101167	47%	97.4%	68.0%
EFA200245	MLP100439	44%	95.2%	72.1%
EFA200245	MTU202464	47%	97.4%	68.0%
EFA200245	NGO101616	52%	97.1%	97.4%
EFA200245	NME200552	52%	97.1%	97.4%
EFA200245	PMU101091	53%	97.4%	98.7%
EFA200245	PRT100504	51%	97.4%	98.7%
EFA200245	PAE204843	54%	97.4%	98.4%
EFA200245	PPU108141	54%	96.5%	97.1%
EFA200245	PSY108097	53%	97.1%	98.7%
EFA200245	SPA101601	52%	97.4%	99.5%
EFA200245	STY101665	52%	97.4%	98.4%
EFA200245	STM102307	52%	97.4%	98.4%
EFA200245	SAU801526	58%	98.2%	99.3%
EFA200245	SEP200908	58%	96.7%	97.6%
EFA200245	SHA100988	59%	96.7%	97.8%
EFA200245	SMU100533	75%	97.1%	98.4%
EFA200245	SPN400385	73%	98.9%	99.3%
EFA200245	SPY201344	73%	99.3%	100%
EFA200245	VCH100291	54%	97.4%	98.9%
EFA200245	YPS003128	52%	97.4%	98.4%
EFA200246	ABA101266	44%	85.1%	83.2%
EFA200246	BAN103283	54%	96.5%	94.1%
EFA200246	BFR11611	26%	77.1%	90.2%
EFA200246	BFR11899	24%	64.2%	34.0%
EFA200246	BFR11219	28%	69.8%	36.9%
EFA200246	BPT100791	42%	94.1%	94.2%
EFA200246	BCE105100	57%	43.8%	92.6%
EFA200246	BFU114977	42%	94.8%	95.5%
EFA200246	BMA103750	41%	94.1%	94.8%
EFA200246	CJU100116	48%	90.3%	95%
EFA200246	CPN200705	50%	85.8%	81.5%
EFA200246	CTR200558	49%	89.2%	92.2%
EFA200246	CAC103552	58%	98.3%	100%
EFA200246	CBO102220	60%	89.2%	46.7%
EFA200246	CDF101011	48%	96.5%	96.5%
EFA200246	CDP100046	39%	76.4%	43.5%
EFA200246	EBC101249	45%	81.6%	94.8%
EFA200246	EFA200246	100%	100%	100%
EFA200246	EFM200144	77%	99.7%	98.6%
EFA200246	ECO102274	45%	89.2%	85.9%
EFA200246	HIN101232	45%	90.3%	89.2%
EFA200246	HPY100934	47%	90.3%	91.0%
EFA200246	KPN302817	45%	89.2%	85.3%
EFA200246	LPN101645	54%	63.9%	84.0%
EFA200246	LMO101514	54%	89.6%	88.1%
EFA200246	MCA101005	48%	59.7%	91.5%
EFA200246	MAV105603	43%	74.3%	43.3%
EFA200246	MBV105423	42%	71.9%	41.4%
EFA200246	MLP100443	27%	75.3%	86.2%
EFA200246	MTU200895	42%	71.9%	41.4%
EFA200246	NGO100954	45%	88.5%	89.3%
EFA200246	NME200815	43%	94.1%	94.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200246	PMU100636	45%	92.0%	88.5%
EFA200246	PRT100424	45%	89.6%	81.9%
EFA200246	PAE203110	47%	89.2%	90%
EFA200246	PPU105860	46%	88.9%	87.5%
EFA200246	PSY101722	47%	88.9%	85.0%
EFA200246	SPA100127	40%	47.2%	61.8%
EFA200246	STY101011	46%	89.2%	85.9%
EFA200246	SAU801701	53%	96.5%	95.1%
EFA200246	SEP201705	51%	96.5%	95.1%
EFA200246	SHA100922	52%	96.5%	94.1%
EFA200246	SMU100531	67%	97.9%	98.6%
EFA200246	SPN400386	68%	97.9%	98.3%
EFA200246	SPY201343	66%	97.9%	98.6%
EFA200246	VCH100983	45%	89.6%	85.1%
EFA200246	YPS002401	45%	89.2%	85.9%
EFA200247	ABA100308	49%	96.6%	92.3%
EFA200247	BAN105768	56%	96.9%	78.4%
EFA200247	BPT101398	51%	99.2%	81.0%
EFA200247	BCE106451	51%	96.9%	78.6%
EFA200247	BFU100947	49%	96.9%	78.6%
EFA200247	BMA107589	50%	96.9%	78.6%
EFA200247	CJU100411	48%	95.4%	80.1%
EFA200247	CPN200335	49%	95.8%	77.5%
EFA200247	CTR200529	49%	95.8%	77.5%
EFA200247	CAC100492	62%	96.2%	92.0%
EFA200247	CDF101403	55%	97.7%	81.5%
EFA200247	EBC102554	53%	96.9%	79.6%
EFA200247	EFA200247	100%	100%	100%
EFA200247	EFM200190	76%	98.9%	99.2%
EFA200247	ECO100185	52%	96.9%	79.6%
EFA200247	HIN100386	54%	96.9%	80.6%
EFA200247	HPY100550	48%	94.3%	78.5%
EFA200247	KPN301921	53%	96.9%	79.6%
EFA200247	LPN101352	51%	95.8%	93.0%
EFA200247	LMO100159	56%	98.1%	80.8%
EFA200247	MCA100190	49%	96.6%	98.8%
EFA200247	NGO100369	51%	99.2%	81.5%
EFA200247	NME201237	51%	99.2%	81.5%
EFA200247	PMU100292	55%	96.9%	80.1%
EFA200247	PRT101241	54%	96.9%	79.6%
EFA200247	PRT100667	54%	97.3%	79.7%
EFA200247	PAE203637	54%	96.9%	80.4%
EFA200247	PPU101171	53%	98.5%	81.9%
EFA200247	PSY108491	51%	98.5%	81.4%
EFA200247	SPA100816	47%	96.9%	90.0%
EFA200247	STY103916	53%	96.9%	79.6%
EFA200247	STM103628	53%	96.9%	79.6%
EFA200247	SAU801700	53%	96.6%	80.6%
EFA200247	SEP201704	53%	96.9%	80.9%
EFA200247	SHA100923	54%	96.6%	80.3%
EFA200247	SMU100529	71%	95.4%	96.1%
EFA200247	SPN400387	66%	96.9%	98.0%
EFA200247	SPY201342	69%	95.4%	96.1%
EFA200247	VCH102210	52%	100%	83.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200247	YPS001157	55%	96.9%	79.6%
EFA200266	ABA102500	41%	99.4%	98.9%
EFA200266	BAN108871	62%	94.9%	96.9%
EFA200266	BAN105353	66%	98.8%	98.9%
EFA200266	BFR103141	48%	80.2%	99.4%
EFA200266	BPT101956	43%	98.9%	97.8%
EFA200266	BBU100719	41%	85.9%	94.3%
EFA200266	BCE105528	43%	99.4%	99.7%
EFA200266	BFU105096	43%	99.5%	97.8%
EFA200266	BMA106934	44%	99.4%	99.7%
EFA200266	CJU100194	40%	94.6%	99.8%
EFA200266	CPN201046	38%	97.2%	96.9%
EFA200266	CTR200859	39%	99.5%	99.1%
EFA200266	CAC102528	47%	98.9%	98.7%
EFA200266	CBO100249	47%	99.2%	95.0%
EFA200266	CDF102396	46%	99.2%	93.3%
EFA200266	CDP100262	40%	89.1%	87.3%
EFA200266	EBC102990	41%	99.2%	98.6%
EFA200266	EFA200266	100%	100%	100%
EFA200266	EFM200127	89%	99.7%	99.5%
EFA200266	ECO101687	41%	99.2%	98.6%
EFA200266	HIN101333	42%	95.0%	94.2%
EFA200266	HPY100121	40%	91.5%	94.6%
EFA200266	KPN300773	40%	96.4%	98.9%
EFA200266	LPN100924	46%	95.2%	99.7%
EFA200266	LMO102823	75%	99.1%	99.7%
EFA200266	MCA103158	40%	97.8%	97.5%
EFA200266	MAV102514	41%	89.3%	87.3%
EFA200266	MBV100785	42%	89.3%	85.7%
EFA200266	MLP100282	41%	89.3%	85.0%
EFA200266	MTU202577	42%	89.3%	86.3%
EFA200266	MGE100386	39%	81.9%	92.7%
EFA200266	MPN100289	38%	82.9%	94.0%
EFA200266	NGO101849	43%	99.2%	97.4%
EFA200266	NME200854	43%	98.9%	98.7%
EFA200266	PMU100593	42%	98.9%	98.1%
EFA200266	PRT105628	39%	99.2%	98.6%
EFA200266	PAE202742	41%	99.4%	98.9%
EFA200266	PPU103710	40%	99.4%	98.9%
EFA200266	PSY102599	41%	99.4%	98.9%
EFA200266	SPA100654	41%	75.2%	96.1%
EFA200266	STY101132	41%	99.2%	98.6%
EFA200266	STM103445	41%	99.2%	98.6%
EFA200266	SAU801683	67%	98.9%	98.6%
EFA200266	SEP201666	68%	96.9%	96.7%
EFA200266	SHA100279	69%	75.0%	98.8%
EFA200266	SMU101079	73%	99.7%	99.1%
EFA200266	SPN401471	72%	99.7%	97.4%
EFA200266	SPY200371	74%	99.7%	99.1%
EFA200266	TPA100828	43%	85.4%	92.4%
EFA200266	UUR100540	44%	88.2%	98.1%
EFA200266	VCH103018	42%	98.6%	98.1%
EFA200266	YPS003070	39%	99.2%	98.6%
EFA200290	ABA102360	24%	95.2%	94.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200290	BAN100998	46%	16.0%	98.9%
EFA200290	BAN106237	58%	68.9%	86.2%
EFA200290	BAN106908	59%	99.3%	100%
EFA200290	BFR10875	29%	98.9%	98.0%
EFA200290	BPT101508	23%	96.1%	95.7%
EFA200290	BBU100593	26%	96.4%	94.4%
EFA200290	BCE100461	26%	95.2%	93.8%
EFA200290	BFU103077	26%	95.2%	93.6%
EFA200290	BMA100457	26%	95.2%	93.6%
EFA200290	CJU101100	22%	97.7%	98.9%
EFA200290	CPN200176	31%	92.5%	92.0%
EFA200290	CTR200729	32%	96.1%	94.8%
EFA200290	CAC101790	48%	100%	100%
EFA200290	CBO100741	51%	100%	100%
EFA200290	CDF104545	52%	97.2%	97.2%
EFA200290	CDP100057	24%	95.4%	94.2%
EFA200290	EBC100321	33%	51.0%	98.4%
EFA200290	EFA200290	100%	100%	100%
EFA200290	EFM201011	80%	100%	100%
EFA200290	ECO101844	31%	100%	100%
EFA200290	HIN101550	34%	90.6%	90.6%
EFA200290	HPY100315	22%	98.0%	97.6%
EFA200290	KPN301304	31%	100%	100%
EFA200290	LPN101161	27%	97.0%	96.6%
EFA200290	LMO101656	27%	95.7%	94.4%
EFA200290	MCA100331	31%	97.7%	99.1%
EFA200290	MAV106525	25%	95.4%	94.2%
EFA200290	MBV105559	25%	95.2%	94%
EFA200290	MLP100693	23%	95.2%	94%
EFA200290	MTU201275	25%	95.2%	94%
EFA200290	MGE100389	19%	80.3%	81.0%
EFA200290	MPN100286	21%	98.2%	98.7%
EFA200290	NGO100228	34%	95.4%	95.6%
EFA200290	NME201566	33%	95.4%	95.6%
EFA200290	PMU100551	31%	96.1%	98.6%
EFA200290	PRT100545	33%	95.7%	95.8%
EFA200290	PAE205046	33%	95.2%	94.7%
EFA200290	PPU109126	33%	99.5%	99.1%
EFA200290	PSY103569	32%	99.5%	99.1%
EFA200290	SPA103053	29%	95.7%	95.8%
EFA200290	STY102666	32%	95.7%	95.8%
EFA200290	STM102429	32%	95.7%	95.8%
EFA200290	SAU800607	24%	99.5%	98.7%
EFA200290	SEP200171	25%	96.8%	95.8%
EFA200290	SHA101545	26%	96.8%	95.8%
EFA200290	SMU101264	60%	100%	100%
EFA200290	SPN401887	62%	100%	100%
EFA200290	SPY201643	62%	100%	100%
EFA200290	TPA100822	30%	95.4%	94.6%
EFA200290	UUR100280	22%	99.6%	98%
EFA200290	VCH102042	31%	89.5%	87.0%
EFA200290	YPS003380	33%	92.2%	92.2%
EFA200307	BAN107067	51%	98.5%	99.1%
EFA200307	BAN107697	53%	98.0%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200307	BFR103658	37%	99.0%	83.1%
EFA200307	BFR100902	38%	98.3%	99.5%
EFA200307	BPT102537	37%	97.1%	91.4%
EFA200307	BCE105218	36%	98.8%	99.7%
EFA200307	BFU100843	37%	98.6%	99.5%
EFA200307	BMA100378	37%	98.8%	93.2%
EFA200307	CAC103600	49%	98.1%	81.4%
EFA200307	CBO103824	48%	99.2%	82.7%
EFA200307	CDF101265	45%	98.6%	83.3%
EFA200307	EBC103961	41%	99.3%	97.5%
EFA200307	EFA200307	100%	100%	100%
EFA200307	EFM200383	60%	98.3%	98.5%
EFA200307	ECO103734	41%	99.0%	96.9%
EFA200307	HIN100708	40%	98.3%	95.5%
EFA200307	KPN303551	42%	99.0%	97.4%
EFA200307	LPN102588	45%	66.0%	99.2%
EFA200307	LMO101490	59%	98.0%	98.1%
EFA200307	NGO101892	37%	97.8%	93.8%
EFA200307	NME202048	37%	98.8%	88.6%
EFA200307	PMU101427	40%	98.6%	93.7%
EFA200307	PRT106116	42%	99.5%	99.5%
EFA200307	PAE203342	39%	98.0%	83.3%
EFA200307	PPU100810	39%	98.0%	83.1%
EFA200307	PSY104559	38%	92.5%	83.1%
EFA200307	SPA101175	40%	99.0%	98.7%
EFA200307	STY102015	41%	99.0%	97.2%
EFA200307	STM101102	41%	99.0%	96.3%
EFA200307	SAU800721	45%	98.8%	99.3%
EFA200307	SEP200775	43%	98.8%	99.5%
EFA200307	SHA101682	42%	98.8%	99.5%
EFA200307	VCH100194	41%	98.5%	95.2%
EFA200307	YPS001354	43%	98.3%	96.7%
EFA200309	BAN104824	46%	74.3%	80.6%
EFA200309	BAN106622	48%	74.3%	78.9%
EFA200309	EFA200309	100%	100%	100%
EFA200309	EFM200093	69%	97.0%	98%
EFA200309	LMO100844	52%	74.3%	80.6%
EFA200309	SAU801112	37%	77.2%	85.7%
EFA200309	SEP200833	40%	74.3%	82.4%
EFA200309	SHA101109	35%	67.3%	74.7%
EFA200310	ABA103723	29%	97.5%	93.2%
EFA200310	BAN104393	37%	92.3%	97.5%
EFA200310	BAN108260	37%	92.3%	97.2%
EFA200310	BFR100762	26%	92.3%	86.3%
EFA200310	BPT103003	28%	95.3%	93.7%
EFA200310	BCE103498	31%	92.0%	95.5%
EFA200310	BFU100816	29%	93.3%	86.2%
EFA200310	BMA109411	31%	92.0%	83.7%
EFA200310	CJU100966	28%	92.3%	97.9%
EFA200310	CPN200946	28%	89.8%	89.4%
EFA200310	CTR200136	32%	90.5%	85.3%
EFA200310	CAC100555	30%	94.5%	97.8%
EFA200310	CBO101485	33%	93.3%	92.0%
EFA200310	CDF103581	31%	94.0%	95.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200310	CDP101270	28%	95.0%	74.7%
EFA200310	EBC102569	31%	95.0%	88.2%
EFA200310	EFA200310	100%	100%	100%
EFA200310	EFM200911	63%	97.0%	99.5%
EFA200310	ECO100089	30%	92.0%	85.3%
EFA200310	HIN101111	31%	92.5%	90.1%
EFA200310	HPY101537	27%	92.3%	97.9%
EFA200310	KPN301852	31%	92.0%	83.3%
EFA200310	LPN100221	35%	74.9%	95.7%
EFA200310	LMO101232	37%	92.3%	91.5%
EFA200310	MCA103455	28%	93.0%	93.4%
EFA200310	MAV103648	32%	92.3%	57.2%
EFA200310	MBV100525	31%	90.8%	71.0%
EFA200310	MLP100568	32%	92.3%	65.4%
EFA200310	MTU202120	31%	90.8%	66.2%
EFA200310	NGO100588	32%	92.3%	91.7%
EFA200310	NME201907	31%	91.8%	89.0%
EFA200310	PMU100141	30%	94.8%	92.4%
EFA200310	PRT102637	31%	92.0%	90.9%
EFA200310	PAE204411	32%	98.0%	95.2%
EFA200310	PPU112591	31%	95.3%	90.8%
EFA200310	PSY103847	31%	95.3%	90.8%
EFA200310	SPA102524	27%	92.3%	93.0%
EFA200310	STY103175	31%	92.0%	85.3%
EFA200310	STM102887	31%	92.0%	85.3%
EFA200310	SAU801113	34%	86.6%	91.7%
EFA200310	SEP200834	34%	95.3%	92.9%
EFA200310	SHA101706	35%	93.3%	99.5%
EFA200310	SMU101535	50%	97.0%	94.1%
EFA200310	SPN400973	48%	97.0%	97.1%
EFA200310	SPY200440	46%	99.0%	94.0%
EFA200310	TPA100383	26%	96.5%	96.9%
EFA200310	VCH102367	30%	89.6%	86.4%
EFA200310	YPS001012	31%	91.0%	87%
EFA200317	BAN108934	43%	96.2%	98.4%
EFA200317	BAN112613	64%	99.7%	99.3%
EFA200317	CAC103250	52%	99.6%	99.5%
EFA200317	CBO103581	51%	99.7%	99.7%
EFA200317	CDF100269	51%	99.6%	99.5%
EFA200317	CDP100823	45%	99.8%	98.7%
EFA200317	EFA200317	100%	100%	100%
EFA200317	EFM202099	82%	100%	100%
EFA200317	LPN100100	46%	39.8%	94.9%
EFA200317	LMO100679	67%	99.7%	99.5%
EFA200317	MAV103158	46%	99.7%	99.8%
EFA200317	MBV103377	47%	99.6%	99.6%
EFA200317	MTU202929	47%	99.6%	99.6%
EFA200317	SAU801114	58%	99.9%	99.5%
EFA200317	SEP200837	57%	53.4%	100%
EFA200317	SHA101707	57%	53.4%	100%
EFA200326	ABA103427	35%	64.2%	53.2%
EFA200326	BAN105404	37%	99.5%	99.6%
EFA200326	BAN112023	46%	99.5%	99.6%
EFA200326	BFR11479	43%	59.9%	57.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200326	BPT102081	32%	81.7%	67.2%
EFA200326	BBU100460	36%	60.2%	63.2%
EFA200326	BCE106024	40%	56.5%	68.8%
EFA200326	BFU105306	41%	56.5%	57.0%
EFA200326	BMA107161	40%	56.5%	40.4%
EFA200326	CJU101082	41%	49.1%	56.2%
EFA200326	CPN200723	39%	61.3%	78.3%
EFA200326	CTR200603	36%	60.9%	74.4%
EFA200326	CAC103441	45%	61.1%	66.4%
EFA200326	CBO102854	34%	100%	99.4%
EFA200326	CDF100130	47%	60.8%	64.9%
EFA200326	EBC103996	39%	60.6%	55.3%
EFA200326	EFA200326	100%	100%	100%
EFA200326	EFM202154	77%	49.1%	98.3%
EFA200326	ECO100461	39%	60.6%	55.2%
EFA200326	HIN101201	38%	60.6%	51.0%
EFA200326	HPY100707	36%	49.7%	50%
EFA200326	KPN303900	32%	89.6%	81.1%
EFA200326	LMO101248	48%	99.8%	100%
EFA200326	MCA102344	35%	60.4%	47.3%
EFA200326	MAV103129	33%	71.7%	67.2%
EFA200326	MBV105819	36%	60.1%	67.1%
EFA200326	MLP101393	36%	59.9%	58.6%
EFA200326	MTU203667	36%	60.1%	62.1%
EFA200326	MGE100430	43%	39.6%	89.6%
EFA200326	MPN100224	33%	73.0%	64.8%
EFA200326	NGO100173	43%	56.5%	46.7%
EFA200326	NME201516	43%	56.5%	46.5%
EFA200326	PMU100364	39%	60.6%	49.2%
EFA200326	PRT105815	46%	36.2%	100%
EFA200326	PAE201531	33%	83.4%	71.4%
EFA200326	PPU104995	43%	55.5%	46.9%
EFA200326	PSY101776	41%	55.5%	44.1%
EFA200326	SPA100619	33%	43.3%	48.9%
EFA200326	STY100818	37%	63.7%	58.1%
EFA200326	STM100530	37%	63.7%	58.1%
EFA200326	SAU800478	42%	100%	99.8%
EFA200326	SEP201796	43%	100%	99.8%
EFA200326	SHA102047	42%	100%	99.8%
EFA200326	SMU101072	44%	93.5%	95.9%
EFA200326	SPN400769	43%	93.3%	96.7%
EFA200326	SPY201046	43%	93.5%	96.4%
EFA200326	TPA100995	40%	60.9%	62.4%
EFA200326	UUR100085	37%	63.0%	63.7%
EFA200326	VCH101035	32%	76.3%	63.9%
EFA200326	YPS001746	38%	60.6%	54.0%
EFA200357	ABA105065	31%	84.2%	83.4%
EFA200357	BCE107325	31%	84.4%	86.6%
EFA200357	BFU104800	29%	93.5%	89.6%
EFA200357	BMA103965	31%	85.5%	85.8%
EFA200357	CAC102908	32%	83.7%	85.5%
EFA200357	CDF102112	32%	97.6%	99.3%
EFA200357	EBC101322	33%	82.9%	84.8%
EFA200357	EFA200357	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200357	ECO102819	30%	83.7%	83.4%
EFA200357	KPN301122	34%	82.9%	83.0%
EFA200357	LPN100461	27%	83.7%	86.7%
EFA200357	PAE201520	31%	88.3%	88.7%
EFA200357	PPU107264	31%	93.5%	93.1%
EFA200357	PSY103885	31%	84.4%	84.4%
EFA200358	ABA102501	58%	99.2%	99.2%
EFA200358	BAN104202	58%	99.2%	99.2%
EFA200358	BAN110178	77%	99.2%	100%
EFA200358	BFR104064	55%	97.5%	100%
EFA200358	BPT100292	55%	99.2%	99.2%
EFA200358	BBU100187	49%	89.1%	92.2%
EFA200358	BCE102715	51%	99.2%	99.2%
EFA200358	BFU102443	52%	99.2%	99.2%
EFA200358	BMA107401	51%	99.2%	99.2%
EFA200358	CJU100217	63%	98.3%	100%
EFA200358	CPN200847	43%	98.3%	96.7%
EFA200358	CTR200218	45%	98.3%	95.1%
EFA200358	CAC101951	60%	99.2%	99.2%
EFA200358	CDF102735	55%	99.2%	100%
EFA200358	CDP100976	58%	98.3%	92.1%
EFA200358	EBC102984	60%	99.2%	100%
EFA200358	EFA200358	100%	100%	100%
EFA200358	EFM201307	93%	100%	100%
EFA200358	ECO101684	60%	99.2%	100%
EFA200358	HIN101286	61%	98.3%	100%
EFA200358	HPY100124	58%	96.6%	99.1%
EFA200358	KPN301692	59%	99.2%	100%
EFA200358	LPN101410	57%	99.2%	99.2%
EFA200358	LMO100743	80%	100%	100%
EFA200358	MAV106548	52%	98.3%	89.3%
EFA200358	MBV101274	52%	98.3%	90.7%
EFA200358	MLP100866	54%	98.3%	90.7%
EFA200358	MTU201622	52%	98.3%	90.7%
EFA200358	MGE100200	47%	98.3%	94.4%
EFA200358	MPN100037	47%	98.3%	92.1%
EFA200358	NGO101855	59%	99.2%	99.2%
EFA200358	NME200857	59%	99.2%	99.2%
EFA200358	PMU100604	62%	98.3%	100%
EFA200358	PRT101306	59%	99.2%	100%
EFA200358	PAE202739	63%	99.2%	100%
EFA200358	PPU111376	64%	99.2%	100%
EFA200358	PSY109131	63%	99.2%	100%
EFA200358	SPA100657	57%	100%	99.2%
EFA200358	STY101118	60%	99.2%	100%
EFA200358	STM103448	60%	99.2%	100%
EFA200358	SAU801678	71%	98.3%	99.2%
EFA200358	SEP201662	71%	98.3%	99.2%
EFA200358	SHA100082	69%	98.3%	99.2%
EFA200358	SMU100912	83%	100%	100%
EFA200358	SPN400863	84%	100%	100%
EFA200358	SPY200598	84%	100%	100%
EFA200358	TPA100839	45%	89.1%	86.9%
EFA200358	UUR100231	49%	92.4%	96.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200358	VCH103020	60%	98.3%	100%
EFA200358	YPS003061	59%	99.2%	100%
EFA200359	CBO100286	45%	98.2%	96.2%
EFA200359	EFA200359	100%	100%	100%
EFA200360	BAN104855	78%	98.8%	98.8%
EFA200360	BAN100961	82%	99.4%	98.8%
EFA200360	CAC101058	80%	99.4%	98.8%
EFA200360	EFA200360	100%	100%	100%
EFA200360	EFM202638	91%	100%	100%
EFA200360	HPY100841	85%	100%	99.4%
EFA200360	SAU801337	77%	99.4%	99.4%
EFA200360	SEP201995	76%	99.4%	99.4%
EFA200360	SHA100019	76%	89.8%	99.0%
EFA200360	SPN401127	75%	98.8%	97.3%
EFA200360	SPY200862	78%	99.4%	98.2%
EFA200366	BAN104659	56%	86.6%	88.1%
EFA200366	BAN106664	68%	95.2%	96.8%
EFA200366	BBU100333	53%	78.7%	96.2%
EFA200366	BFU106797	48%	85.2%	88.6%
EFA200366	BMA102072	53%	77.6%	83.3%
EFA200366	CTR200062	39%	90.9%	99.4%
EFA200366	CAC101738	58%	93.2%	96.8%
EFA200366	CAC101883	58%	92.6%	96.2%
EFA200366	CBO100432	54%	92.6%	93.7%
EFA200366	EFA200366	100%	100%	100%
EFA200366	EFM201140	84%	98.9%	97.8%
EFA200366	ECO101217	49%	87.8%	91.1%
EFA200366	HIN101094	51%	83.5%	90.7%
EFA200366	HPY100297	57%	72.7%	89.9%
EFA200366	KPN301634	49%	87.2%	90.5%
EFA200366	LMO102091	72%	96.9%	95.5%
EFA200366	MCA100669	55%	94.6%	96.0%
EFA200366	MGE100081	44%	93.8%	91.3%
EFA200366	MPN100614	47%	95.2%	87.9%
EFA200366	PMU101907	52%	84.4%	89.7%
EFA200366	PRT104091	50%	86.4%	92.4%
EFA200366	PAE201806	53%	72.2%	97.4%
EFA200366	SPA100463	46%	87.2%	91.0%
EFA200366	STY103006	50%	87.2%	91.0%
EFA200366	SAU800988	65%	94.9%	93.3%
EFA200366	SEP200209	64%	98.0%	96.7%
EFA200366	SHA101386	66%	94.9%	93.6%
EFA200366	SMU101518	64%	96.0%	96.3%
EFA200366	SPN401702	54%	94.9%	94.9%
EFA200366	SPY200218	57%	94.9%	94.7%
EFA200366	UUR100566	44%	98.3%	69.6%
EFA200366	VCH101075	51%	82.4%	89.2%
EFA200366	YPS000805	53%	83.0%	87.4%
EFA200381	BAN101878	90%	75.9%	97.8%
EFA200381	BAN111500	92%	96.6%	98.2%
EFA200381	BFR101607	40%	81.0%	60.3%
EFA200381	BPT103142	56%	86.2%	71.4%
EFA200381	BBU100255	44%	96.6%	81.2%
EFA200381	BCE106500	56%	86.2%	71.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200381	BFU102600	52%	94.8%	78.6%
EFA200381	BMA102838	56%	86.2%	71.4%
EFA200381	CJU100338	42%	86.2%	71.4%
EFA200381	CPN200733	44%	93.1%	93.1%
EFA200381	CTR200610	46%	93.1%	93.1%
EFA200381	CAC101256	73%	96.6%	96.6%
EFA200381	CBO102486	69%	96.6%	96.6%
EFA200381	CDF100846	63%	94.8%	93.2%
EFA200381	EBC104303	60%	82.8%	73.8%
EFA200381	EFA200381	100%	100%	100%
EFA200381	EFM103017	96%	55.2%	100%
EFA200381	ECO102999	62%	86.2%	70.4%
EFA200381	HIN100510	62%	86.2%	70.4%
EFA200381	HPY100555	38%	86.2%	71.4%
EFA200381	KPN204459	62%	86.2%	70.4%
EFA200381	LPN101208	64%	53.4%	54.4%
EFA200381	LMO101512	94%	96.6%	98.2%
EFA200381	MCA101455	50%	98.3%	80.3%
EFA200381	NGO103576	60%	69.0%	72.7%
EFA200381	NME200467	56%	86.2%	71.4%
EFA200381	PMU101239	62%	86.2%	70.4%
EFA200381	PRT103336	58%	86.2%	70.4%
EFA200381	PAE200578	60%	94.8%	77.5%
EFA200381	PSY102551	60%	94.8%	77.5%
EFA200381	SPA100115	62%	86.2%	70.4%
EFA200381	STY100808	62%	86.2%	70.4%
EFA200381	STM101264	62%	86.2%	70.4%
EFA200381	SAU801575	92%	96.6%	96.6%
EFA200381	SEP203226	92%	96.6%	96.6%
EFA200381	SHA101643	92%	96.6%	96.6%
EFA200381	SMU102404	96%	100%	87.9%
EFA200381	SPN401270	91%	100%	87.9%
EFA200381	SPY200574	96%	100%	100%
EFA200381	TPA100750	43%	94.8%	79.7%
EFA200381	UUR100279	36%	81.0%	81.8%
EFA200381	VCH100511	62%	86.2%	70.4%
EFA200381	YPS001963	62%	86.2%	70.4%
EFA200382	ABA100747	40%	97.3%	98.0%
EFA200382	BAN101433	47%	32.2%	68.6%
EFA200382	BAN103496	59%	98.0%	99.3%
EFA200382	BFR105454	37%	98.0%	99.3%
EFA200382	BPT100546	34%	97.3%	96.1%
EFA200382	BCE109876	43%	98.0%	98.6%
EFA200382	BFU102599	45%	98.0%	98.6%
EFA200382	BMA100917	43%	99.3%	100%
EFA200382	CJU100534	35%	98.7%	100%
EFA200382	CAC102981	49%	98.0%	98.0%
EFA200382	CBO101104	43%	99.3%	100%
EFA200382	CDF100102	34%	75.2%	100%
EFA200382	CDF102772	42%	98.7%	98%
EFA200382	CDP101689	36%	96.6%	97.4%
EFA200382	EFA200382	100%	100%	100%
EFA200382	EFM101005	78%	98.7%	99.3%
EFA200382	HIN101254	29%	71.8%	22.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200382	LPN100867	41%	98.0%	99.3%
EFA200382	LMO101122	57%	98.0%	99.3%
EFA200382	MCA103674	34%	98.0%	98.6%
EFA200382	MAV103815	35%	71.8%	89.3%
EFA200382	MBV103944	36%	88.6%	100%
EFA200382	MTU203634	36%	96.6%	98.1%
EFA200382	NGO101314	38%	98.0%	81.1%
EFA200382	NME200466	39%	98.0%	98.6%
EFA200382	PAE200577	35%	94.0%	94.0%
EFA200382	VCH100510	36%	98.0%	99.3%
EFA200400	ABA103575	35%	69.4%	98.8%
EFA200400	BPT101206	39%	100%	100%
EFA200400	BCE104446	59%	28.9%	89.2%
EFA200400	BFU105313	59%	29.4%	88.9%
EFA200400	BMA109515	60%	28.9%	76.0%
EFA200400	CJU101159	35%	69.1%	98.6%
EFA200400	CPN200896	36%	98.5%	97.8%
EFA200400	CTR200173	35%	98.9%	98.4%
EFA200400	CDF104028	40%	69.1%	98.4%
EFA200400	EBC104560	61%	29.3%	97.7%
EFA200400	EFA200400	100%	100%	100%
EFA200400	EFM200195	76%	98.4%	99.9%
EFA200400	ECO103481	35%	69.7%	99.4%
EFA200400	HIN100903	34%	69.7%	99.4%
EFA200400	HPY100944	56%	27.9%	92.4%
EFA200400	KPN305504	61%	29.3%	97.7%
EFA200400	LPN102108	35%	54.8%	99.4%
EFA200400	LMO101909	49%	69.5%	99.0%
EFA200400	MCA101554	35%	69.4%	99.1%
EFA200400	NGO101359	35%	69.4%	98.8%
EFA200400	NME200487	35%	69.4%	98.8%
EFA200400	PMU101102	35%	69.7%	99.4%
EFA200400	PRT101495	61%	29.1%	97.7%
EFA200400	PAE200009	63%	28.8%	91.7%
EFA200400	PPU103628	62%	28.8%	91.7%
EFA200400	PSY103530	61%	29.2%	82.5%
EFA200400	SPA100735	61%	29.3%	97.7%
EFA200400	STY100713	35%	69.7%	99.4%
EFA200400	SMU101427	61%	98.8%	100%
EFA200400	SPN401327	54%	69.2%	98.5%
EFA200400	SPY201298	51%	69.7%	99.3%
EFA200400	VCH100020	34%	69.7%	99.4%
EFA200400	YPS003356	35%	69.5%	99.1%
EFA200412	ABA104190	29%	96.5%	95.3%
EFA200412	BAN105171	44%	98.8%	100%
EFA200412	BAN102576	45%	99.2%	98.0%
EFA200412	BFR11285	31%	95.0%	95.3%
EFA200412	BPT101144	28%	97.7%	97.3%
EFA200412	BCE101162	30%	97.7%	96.5%
EFA200412	BFU105740	31%	97.7%	96.2%
EFA200412	BMA107144	31%	97.7%	95.8%
EFA200412	CPN200219	25%	94.6%	94.0%
EFA200412	CTR200673	32%	54.3%	52.5%
EFA200412	CAC101882	34%	97.3%	96.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200412	CBO101930	37%	95.7%	96.1%
EFA200412	CDF103571	32%	96.5%	95.8%
EFA200412	CDP100979	28%	93.8%	90.8%
EFA200412	EFA200412	100%	100%	100%
EFA200412	EFM200394	59%	98.4%	100%
EFA200412	LMO100578	43%	97.7%	98.4%
EFA200412	MCA101753	29%	72.9%	82.4%
EFA200412	MAV106532	30%	91.5%	90.5%
EFA200412	MBV103890	32%	91.5%	91.5%
EFA200412	MLP100867	30%	91.5%	91.9%
EFA200412	MTU201623	31%	91.5%	91.5%
EFA200412	NGO100361	35%	97.7%	96.6%
EFA200412	NME201239	34%	97.7%	96.6%
EFA200412	SAU801137	43%	98.8%	99.6%
EFA200412	SEP200862	42%	97.7%	98.4%
EFA200412	SHA100177	39%	98.8%	99.6%
EFA200412	SMU100505	41%	86.0%	98.6%
EFA200412	SPN401786	43%	98.1%	96.8%
EFA200412	SPY200257	43%	96.5%	98.0%
EFA200412	UUR100329	31%	97.7%	98.1%
EFA200412	VCH100789	29%	97.3%	93.8%
EFA200418	ABA104000	49%	85.4%	89.2%
EFA200418	BAN100446	70%	71.3%	99.5%
EFA200418	BAN110084	74%	88.9%	99.6%
EFA200418	BFR104950	45%	93.1%	86.7%
EFA200418	BPT101108	47%	93.1%	97.6%
EFA200418	BBU100122	49%	95.0%	98.8%
EFA200418	BCE101166	44%	98.9%	98.0%
EFA200418	BFU101939	52%	84.7%	88.4%
EFA200418	BMA101604	45%	98.1%	98.8%
EFA200418	CJU101107	51%	99.2%	98.9%
EFA200418	CPN200048	48%	84.3%	79.1%
EFA200418	CTR200051	44%	98.1%	89.7%
EFA200418	CAC101756	67%	88.5%	99.6%
EFA200418	CBO103187	69%	88.5%	99.6%
EFA200418	CDF101764	69%	89.7%	98.7%
EFA200418	CDP101120	52%	99.6%	97.7%
EFA200418	EBC103098	50%	91.2%	99.2%
EFA200418	EFA200418	100%	100%	100%
EFA200418	ECO100169	51%	91.2%	99.2%
EFA200418	HIN100892	50%	90.0%	93.6%
EFA200418	HPY101531	48%	96.2%	92.0%
EFA200418	KPN301398	50%	86.6%	99.1%
EFA200418	LPN100646	46%	93.9%	97.6%
EFA200418	LMO100442	74%	93.1%	100%
EFA200418	MCA101251	51%	85.4%	82.3%
EFA200418	MAV106404	59%	86.6%	81.9%
EFA200418	MBV102282	54%	96.2%	86.4%
EFA200418	MLP100973	58%	86.6%	81.6%
EFA200418	MTU202852	54%	96.2%	86.4%
EFA200418	MGE100072	36%	93.9%	84.9%
EFA200418	MPN100623	36%	93.9%	82.0%
EFA200418	NGO100893	44%	89.7%	95.5%
EFA200418	NME200306	44%	89.7%	95.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200418	PMU101984	51%	91.6%	94.4%
EFA200418	PRT105507	51%	89.3%	96.3%
EFA200418	PAE203654	49%	92.3%	97.6%
EFA200418	PPU107884	47%	91.6%	97.1%
EFA200418	PSY108183	48%	94.6%	92.1%
EFA200418	SPA101195	50%	91.6%	100%
EFA200418	STY103848	51%	91.2%	99.2%
EFA200418	STM103561	51%	91.2%	99.2%
EFA200418	SAU801256	70%	95.0%	99.6%
EFA200418	SEP201549	69%	96.6%	98.9%
EFA200418	SHA100713	63%	74.3%	96.6%
EFA200418	SMU100628	75%	99.2%	100%
EFA200418	SPN402017	76%	98.9%	100%
EFA200418	SPY201599	75%	98.5%	99.6%
EFA200418	TPA100599	55%	98.9%	88.3%
EFA200418	UUR100024	40%	84.7%	63.6%
EFA200418	VCH102226	50%	89.7%	96.7%
EFA200418	YPS001127	50%	91.2%	99.2%
EFA200421	ABA106144	42%	98.0%	97.3%
EFA200421	BAN110110	53%	96.6%	99.0%
EFA200421	BAN103067	64%	98.6%	98.3%
EFA200421	BFR10353	34%	91.5%	77.6%
EFA200421	BPT101109	43%	98.0%	97.3%
EFA200421	BBU100121	29%	91.5%	96.1%
EFA200421	BCE107064	42%	99.3%	97.6%
EFA200421	BFU100280	42%	99.3%	97.6%
EFA200421	BMA107429	42%	99.3%	97.6%
EFA200421	CJU101106	33%	99.3%	100%
EFA200421	CPN200047	33%	93.2%	99.6%
EFA200421	CTR200050	34%	93.2%	99.6%
EFA200421	CAC101812	46%	98.6%	98.7%
EFA200421	CBO101301	43%	98.3%	98.4%
EFA200421	CDF101762	50%	99.7%	100%
EFA200421	CDP101115	35%	93.5%	99.6%
EFA200421	EBC103096	41%	99.7%	99.3%
EFA200421	EFA200421	100%	100%	100%
EFA200421	ECO100170	41%	99.7%	99.3%
EFA200421	HIN100893	44%	98.0%	97.2%
EFA200421	HPY101532	35%	99.7%	100%
EFA200421	KPN301399	41%	99.7%	99.3%
EFA200421	LPN100716	42%	99.7%	99.7%
EFA200421	LMO102014	62%	99.7%	99.7%
EFA200421	MCA101252	45%	98.0%	96.9%
EFA200421	MAV106405	38%	93.5%	99.6%
EFA200421	MBV102285	35%	93.5%	99.6%
EFA200421	MLP100972	34%	93.5%	99.6%
EFA200421	MTU202851	35%	93.5%	99.6%
EFA200421	MGE100443	36%	97.6%	98.0%
EFA200421	MPN100211	37%	97.6%	98.0%
EFA200421	NGO100890	43%	99.7%	99.6%
EFA200421	NME200305	44%	99.7%	99.6%
EFA200421	PMU101985	43%	99.7%	99.6%
EFA200421	PRT104501	45%	99.7%	100%
EFA200421	PAE203653	44%	99.3%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200421	PPU107887	43%	99.3%	98.3%
EFA200421	PSY104373	44%	99.3%	98.3%
EFA200421	SPA101193	41%	99.7%	99.3%
EFA200421	STY103870	41%	99.7%	99.3%
EFA200421	STM103563	41%	99.7%	99.3%
EFA200421	SAU801257	62%	99.7%	100%
EFA200421	SEP201550	62%	98.6%	99.3%
EFA200421	SHA100714	64%	98.6%	99.3%
EFA200421	SMU100627	47%	99.3%	98.3%
EFA200421	SPN402016	43%	99.3%	98.3%
EFA200421	SPY201600	43%	99.3%	98.3%
EFA200421	TPA100598	30%	91.5%	95.9%
EFA200421	UUR100520	40%	98.0%	98.6%
EFA200421	VCH102225	43%	98.6%	98.9%
EFA200421	YPS001128	43%	99.7%	99.3%
EFA200454	ABA100529	48%	98.3%	99.8%
EFA200454	BAN100354	53%	98.3%	99.5%
EFA200454	BAN103931	58%	98.8%	99.8%
EFA200454	BFR100495	25%	38.1%	7.0%
EFA200454	BPT102439	45%	98.6%	99.5%
EFA200454	BCE111561	56%	38.6%	99.5%
EFA200454	BFU106495	45%	98.1%	98.3%
EFA200454	BMA104091	45%	95.8%	96.0%
EFA200454	CJU100505	41%	97.4%	99.6%
EFA200454	CPN200251	39%	97.0%	98.1%
EFA200454	CTR200662	37%	97.4%	96.5%
EFA200454	CAC100467	49%	96.0%	95.8%
EFA200454	CBO100123	31%	98.8%	99.4%
EFA200454	CDF100404	42%	13.6%	83.0%
EFA200454	CDF100250	46%	97.4%	97.2%
EFA200454	CDP100483	40%	98.4%	99.0%
EFA200454	EBC102546	46%	97.4%	98.4%
EFA200454	EFA200454	100%	100%	100%
EFA200454	EFM201684	83%	99.0%	99.5%
EFA200454	ECO100194	47%	95.8%	96.7%
EFA200454	HIN100709	46%	98.3%	99.0%
EFA200454	HPY100234	41%	97.6%	98.3%
EFA200454	KPN301911	47%	93.7%	98.4%
EFA200454	LPN102483	50%	16.3%	98.9%
EFA200454	LMO100624	63%	98.6%	99.3%
EFA200454	MCA101839	42%	97.4%	99.3%
EFA200454	MAV102826	41%	96.0%	97.1%
EFA200454	MBV103229	41%	96.0%	97.1%
EFA200454	MTU202807	41%	96.3%	96.7%
EFA200454	MGE100289	28%	18.4%	22.4%
EFA200454	MPN100436	25%	79.4%	56.7%
EFA200454	NGO100106	44%	99.0%	99.8%
EFA200454	NME201412	44%	99.0%	99.8%
EFA200454	PMU101370	47%	98.1%	98.9%
EFA200454	PRT101177	46%	95.8%	96.8%
EFA200454	PAE200955	47%	98.3%	99.1%
EFA200454	PPU108855	47%	91.4%	95.3%
EFA200454	PSY105509	46%	94.8%	95.6%
EFA200454	SPA100809	44%	95.8%	98.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200454	STY103990	47%	95.8%	96.7%
EFA200454	SAU801263	56%	98.3%	98.8%
EFA200454	SEP201556	56%	98.6%	99.1%
EFA200454	SHA101150	56%	98.6%	99.1%
EFA200454	SMU101082	60%	99.0%	100%
EFA200454	SPN400243	60%	98.6%	99.5%
EFA200454	SPY201510	59%	98.6%	99.4%
EFA200454	TPA100158	39%	93.5%	94.2%
EFA200454	UUR100457	29%	23.4%	29.2%
EFA200454	VCH100859	45%	97.4%	98.4%
EFA200454	YPS002005	47%	97.4%	98.3%
EFA200457	BAN108834	45%	80.1%	87.5%
EFA200457	BAN108033	60%	99.8%	99.9%
EFA200457	CAC101590	43%	98.1%	98.9%
EFA200457	CBO102746	45%	95.4%	95.9%
EFA200457	CDF103797	43%	99.7%	99.9%
EFA200457	EFA200457	100%	100%	100%
EFA200457	EFM200946	82%	100%	100%
EFA200457	LMO102727	62%	99.7%	99.7%
EFA200457	MAV103787	34%	13.0%	86.1%
EFA200457	MBV104672	32%	13.0%	30.8%
EFA200457	MTU202157	32%	13.0%	30.4%
EFA200457	MGE100031	38%	84.0%	84.8%
EFA200457	MPN100120	38%	83.9%	85.4%
EFA200457	SAU801264	54%	99.9%	99.9%
EFA200457	SEP201557	54%	99.6%	99.7%
EFA200457	SHA103204	54%	99.8%	99.6%
EFA200457	SMU101474	55%	99.4%	99.7%
EFA200457	SPN400251	54%	99.4%	99.7%
EFA200457	SPY201509	54%	99.4%	99.7%
EFA200457	UUR100379	37%	86.7%	88.6%
EFA200478	ABA100930	30%	98.9%	97.0%
EFA200478	BAN107253	28%	69.4%	72.2%
EFA200478	BAN102625	46%	30.2%	56.8%
EFA200478	BAN103946	46%	30.2%	81.2%
EFA200478	BAN106298	40%	98.7%	98.9%
EFA200478	BFR103444	39%	43.1%	84.7%
EFA200478	BPT104540	29%	75.5%	10.4%
EFA200478	BBU100303	27%	92.1%	92.2%
EFA200478	BCE104414	25%	82.3%	97.9%
EFA200478	BFU100824	27%	93.2%	90.9%
EFA200478	BMA104638	27%	93.2%	91.2%
EFA200478	CJU100734	20%	72.9%	65.3%
EFA200478	CPN200950	28%	93.9%	94.4%
EFA200478	CTR200132	27%	93.2%	92.9%
EFA200478	CAC101153	33%	99.3%	98.9%
EFA200478	CBO102608	35%	93.2%	92.6%
EFA200478	CDF103288	30%	93.9%	94.1%
EFA200478	CDP101279	28%	99.6%	99.4%
EFA200478	EBC102572	31%	95.0%	94.7%
EFA200478	EFA200478	100%	100%	100%
EFA200478	EFM201777	58%	99.3%	99.1%
EFA200478	ECO100086	30%	98.2%	98.0%
EFA200478	HIN101108	29%	100%	99.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200478	HPY100728	25%	63.7%	56.2%
EFA200478	KPN301858	28%	98.2%	98.0%
EFA200478	LMO101402	40%	100%	100%
EFA200478	MCA100820	31%	91.9%	90.9%
EFA200478	MAV103997	23%	59.7%	91.1%
EFA200478	MLP100565	26%	93.4%	92.3%
EFA200478	MTU202123	27%	93.4%	91.6%
EFA200478	NGO100600	31%	94.7%	98.6%
EFA200478	NME201912	31%	94.7%	95.1%
EFA200478	PMU100138	28%	99.8%	98.9%
EFA200478	PRT102642	29%	99.1%	97.6%
EFA200478	PAE204414	29%	94.5%	93.7%
EFA200478	PPU111733	31%	94.5%	93.6%
EFA200478	PSY103854	29%	94.5%	94.5%
EFA200478	SPA102755	30%	95.2%	94.9%
EFA200478	STY103172	31%	95.2%	94.9%
EFA200478	STM102864	31%	95.2%	94.9%
EFA200478	SAU802082	42%	94.1%	94.2%
EFA200478	SEP201343	42%	94.1%	94.5%
EFA200478	SHA100952	41%	94.1%	94.5%
EFA200478	SMU100741	49%	99.3%	99.6%
EFA200478	SPN401513	46%	99.3%	98.9%
EFA200478	SPY201087	49%	99.6%	97.8%
EFA200478	TPA100382	31%	100%	99.6%
EFA200478	VCH102370	30%	95.2%	95.1%
EFA200478	YPS000994	30%	95.2%	93.9%
EFA200495	BFR101164	51%	100%	46.1%
EFA200495	CDP100056	26%	24.5%	26.6%
EFA200495	EFA200495	100%	100%	100%
EFA200515	ABA100815	30%	89.0%	79.9%
EFA200515	BPT103008	29%	87.6%	81.8%
EFA200515	BCE112921	29%	29.3%	75.1%
EFA200515	BCE112214	38%	33.8%	83.8%
EFA200515	BCE114431	36%	48.9%	67.4%
EFA200515	BCE111221	29%	87.2%	88.9%
EFA200515	BCE105983	33%	88.7%	86.6%
EFA200515	BFU102806	31%	87.2%	82.5%
EFA200515	BMA100434	30%	89.0%	82.8%
EFA200515	BMA105823	31%	87.6%	85.8%
EFA200515	EBC101455	29%	90.5%	81.2%
EFA200515	EFA200515	100%	100%	100%
EFA200515	KPN305645	28%	90.5%	81.4%
EFA200515	MBV105656	30%	90.1%	76.3%
EFA200515	MLP100958	29%	88.7%	73.8%
EFA200515	MTU202299	30%	90.1%	74.3%
EFA200515	PRT100665	33%	88.5%	78.6%
EFA200515	PAE201315	29%	88.7%	76.8%
EFA200515	SPA102628	28%	90.5%	81.2%
EFA200515	STY103797	29%	90.5%	81.2%
EFA200515	SAU202063	29%	87.6%	75.9%
EFA200515	SHA102166	29%	87.2%	85.5%
EFA200515	YPS000055	29%	88.3%	82.3%
EFA200538	ABA105508	40%	99.5%	98.9%
EFA200538	BAN102826	75%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200538	BFR10298	46%	99.8%	99.9%
EFA200538	BPT102350	38%	99.5%	99.4%
EFA200538	BBU100250	49%	99.5%	99.4%
EFA200538	BCE103321	39%	99.5%	99.4%
EFA200538	BMA109061	38%	99.5%	94.1%
EFA200538	CJU101017	39%	99.8%	99.8%
EFA200538	CPN200606	49%	99.8%	99.9%
EFA200538	CTR200474	51%	99.8%	99.9%
EFA200538	CAC101070	45%	99.8%	99.8%
EFA200538	CBO100961	47%	99.1%	99.1%
EFA200538	CDF103555	46%	99.5%	99.4%
EFA200538	CDP101454	44%	99.0%	97.0%
EFA200538	EBC100539	38%	53.0%	99.6%
EFA200538	EFA200538	100%	100%	100%
EFA200538	EFM200610	87%	100%	100%
EFA200538	ECO100632	42%	99.5%	99.3%
EFA200538	HIN100900	42%	99.5%	99.2%
EFA200538	HPY101524	40%	98.9%	99.1%
EFA200538	KPN300581	40%	16.3%	79.3%
EFA200538	KPN302684	42%	99.5%	99.5%
EFA200538	LPN103327	44%	99.6%	99.4%
EFA200538	LMO100611	75%	100%	100%
EFA200538	MCA102972	39%	99.5%	98.6%
EFA200538	MAV103767	44%	98.9%	94.2%
EFA200538	MBV104696	44%	98.9%	96.2%
EFA200538	MLP100028	43%	98.9%	96.4%
EFA200538	MTU200041	44%	98.9%	96.4%
EFA200538	MGE100272	41%	99.5%	99.5%
EFA200538	MPN100453	41%	99.5%	99.4%
EFA200538	NGO100059	42%	99.5%	99.2%
EFA200538	NME200518	40%	99.5%	99.5%
EFA200538	PMU101214	40%	99.6%	99.4%
EFA200538	PRT102887	41%	99.5%	99.3%
EFA200538	PAE203984	41%	99.8%	99.5%
EFA200538	PPU108817	42%	99.8%	99.5%
EFA200538	PSY105072	42%	99.8%	99.5%
EFA200538	SPA100430	45%	62.3%	97.8%
EFA200538	STY101466	42%	99.5%	99.3%
EFA200538	SAU801760	72%	99.9%	99.9%
EFA200538	SEP202121	71%	99.9%	99.9%
EFA200538	SHA100631	73%	99.9%	99.9%
EFA200538	SMU100492	70%	99.5%	99.4%
EFA200538	SPN400235	70%	99.5%	99.4%
EFA200538	SPY200128	71%	99.5%	99.4%
EFA200538	TPA100579	50%	99.8%	99.9%
EFA200538	UUR100373	52%	99.5%	99.8%
EFA200538	VCH100940	44%	99.8%	95.5%
EFA200538	YPS001199	42%	99.5%	99.3%
EFA200544	ABA102927	27%	94.4%	93.3%
EFA200544	BAN107304	34%	90.3%	92.1%
EFA200544	BFR104340	26%	74.5%	70.1%
EFA200544	BPT104317	32%	75.5%	61.0%
EFA200544	BCE102893	24%	63.9%	75.3%
EFA200544	BMA103625	33%	34.7%	33.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200544	CAC100597	37%	46.3%	33.8%
EFA200544	CBO103870	29%	81.9%	98.9%
EFA200544	CDF100442	30%	71.8%	57.1%
EFA200544	EBC102841	28%	63.4%	69.8%
EFA200544	EFA200544	100%	100%	100%
EFA200544	EFM201387	50%	95.4%	94.5%
EFA200544	ECO100817	25%	68.1%	74.2%
EFA200544	HIN100201	35%	44.0%	39.0%
EFA200544	HPY100346	29%	89.4%	85.1%
EFA200544	HPY100838	35%	89.4%	86.8%
EFA200544	KPN302156	36%	33.3%	32.0%
EFA200544	LPN100696	25%	87.0%	27.4%
EFA200544	LMO100669	36%	93.1%	94.0%
EFA200544	MAV102855	34%	64.8%	49.5%
EFA200544	MLP100064	31%	49.1%	53.1%
EFA200544	PMU100676	34%	31.5%	28.2%
EFA200544	PRT100154	38%	38.9%	35.3%
EFA200544	PAE204008	29%	76.4%	38.7%
EFA200544	PPU107569	28%	84.7%	41.1%
EFA200544	PSY105067	31%	91.7%	45.0%
EFA200544	SPA102202	25%	72.2%	75%
EFA200544	STY102442	24%	72.2%	83.2%
EFA200544	SAU801417	30%	84.7%	92.6%
EFA200544	SEP200350	32%	84.7%	92.6%
EFA200544	SHA100392	30%	87.0%	93.7%
EFA200544	SMU100446	39%	100%	100%
EFA200544	SPN400434	40%	100%	100%
EFA200544	SPY200272	43%	99.5%	99.1%
EFA200544	TPA100545	27%	54.6%	41.7%
EFA200544	VCH102452	38%	41.7%	48.3%
EFA200544	YPS001142	40%	18.5%	22.2%
EFA200562	ABA100383	63%	98.7%	98.7%
EFA200562	BAN108106	75%	98.2%	98.0%
EFA200562	BFR103242	51%	98.2%	98.8%
EFA200562	BPT100493	61%	97.5%	97.7%
EFA200562	BBU100375	49%	97.7%	96.7%
EFA200562	BCE104520	63%	97.5%	97.9%
EFA200562	BFU106887	62%	97.5%	92.4%
EFA200562	BMA102515	62%	98.5%	96.7%
EFA200562	CJU101022	41%	98.5%	99.7%
EFA200562	CAC100015	70%	98.7%	99.7%
EFA200562	CDF101475	69%	98.0%	98.0%
EFA200562	CDP100317	58%	98.5%	97.1%
EFA200562	EBC106045	62%	97.7%	99.5%
EFA200562	EFA200562	100%	100%	100%
EFA200562	EFM102997	89%	14.2%	100%
EFA200562	ECO102877	63%	98.0%	97.9%
EFA200562	HIN101146	59%	97.7%	97.7%
EFA200562	HPY100194	57%	99.0%	99.0%
EFA200562	KPN303051	62%	98.0%	97.9%
EFA200562	LPN103398	60%	99.5%	100%
EFA200562	LMO101989	76%	98.0%	97.7%
EFA200562	MCA100501	60%	98.2%	99.0%
EFA200562	MAV103344	60%	99.5%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200562	MBV103088	60%	98.2%	97.8%
EFA200562	MLP100335	59%	99.5%	100%
EFA200562	MTU201374	60%	99.5%	100%
EFA200562	MGE100047	40%	97.0%	95.6%
EFA200562	MPN100094	39%	97.2%	95.0%
EFA200562	NGO101704	64%	98.2%	98.5%
EFA200562	NME200613	64%	98.2%	98.5%
EFA200562	PMU101027	61%	98.5%	98.4%
EFA200562	PRT101183	60%	97.7%	97.7%
EFA200562	PAE200545	58%	98.7%	98.7%
EFA200562	PPU109309	57%	98.7%	98.7%
EFA200562	PSY103013	58%	99.2%	99.2%
EFA200562	SPA102476	63%	97.7%	98.2%
EFA200562	STY104545	62%	98.0%	97.9%
EFA200562	STM100571	62%	98.0%	97.9%
EFA200562	SAU801790	72%	98.7%	98.5%
EFA200562	SEP202182	73%	98.0%	97.5%
EFA200562	SHA101199	72%	98.0%	97.7%
EFA200562	SMU101066	76%	99.5%	99.5%
EFA200562	SPN400671	76%	99.5%	99.7%
EFA200562	SPY201042	74%	98.5%	98.0%
EFA200562	TPA100786	58%	96.2%	94.4%
EFA200562	UUR100416	46%	98.5%	98.7%
EFA200562	VCH100467	62%	98.7%	98.4%
EFA200562	YPS000215	61%	98.0%	97.9%
EFA200590	ABA101280	48%	89.7%	97.7%
EFA200590	BAN110913	44%	99.4%	100%
EFA200590	BAN103692	62%	99.6%	99.6%
EFA200590	BFR11725	41%	5.6%	7.2%
EFA200590	BPT102975	47%	100%	100%
EFA200590	BBU100153	42%	95.7%	95.9%
EFA200590	BCE111466	53%	65.9%	93.5%
EFA200590	BFU106498	47%	99.4%	99.4%
EFA200590	BMA103047	46%	99.4%	99.4%
EFA200590	CJU100872	48%	98.8%	97.7%
EFA200590	CPN201009	44%	5.6%	17.6%
EFA200590	CTR200074	43%	4.4%	16.6%
EFA200590	CAC100650	56%	98.5%	98.5%
EFA200590	CBO100098	55%	98.6%	98.0%
EFA200590	CDF101445	44%	98.5%	98.8%
EFA200590	CDF100803	54%	90.8%	97.2%
EFA200590	CDP100932	48%	94.4%	99.1%
EFA200590	EBC107179	56%	43.1%	95.7%
EFA200590	EFA200590	100%	100%	100%
EFA200590	EFM100280	86%	26.4%	100%
EFA200590	ECO100098	47%	98.2%	98.1%
EFA200590	HIN100888	46%	98.3%	98.1%
EFA200590	HPY100773	48%	97.6%	96.5%
EFA200590	KPN300997	47%	98.2%	98.0%
EFA200590	LPN103376	48%	99.6%	99.6%
EFA200590	LMO101013	66%	100%	100%
EFA200590	MCA100812	44%	98.7%	98.5%
EFA200590	MAV101468	47%	94.3%	91.5%
EFA200590	MBV103337	48%	94.9%	91.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200590	MLP100475	49%	89.5%	86.4%
EFA200590	MTU203197	48%	96.2%	91.5%
EFA200590	MGE100074	45%	91.1%	94.8%
EFA200590	MPN100621	45%	91.1%	94.6%
EFA200590	NGO100323	47%	100%	99.9%
EFA200590	NME201594	47%	100%	99.9%
EFA200590	PMU101219	47%	98.2%	97.9%
EFA200590	PRT105129	47%	98.5%	98.3%
EFA200590	PAE204401	47%	99.6%	99.6%
EFA200590	PPU107707	46%	99.6%	96.6%
EFA200590	PSY103871	47%	97.4%	99.6%
EFA200590	SPA100472	43%	64.0%	84.7%
EFA200590	STY103214	47%	98.2%	98.1%
EFA200590	STM102926	47%	98.2%	98.1%
EFA200590	SAU800753	56%	99.4%	99.8%
EFA200590	SEP201381	56%	99.4%	99.6%
EFA200590	SHA101267	56%	99.4%	99.5%
EFA200590	SMU101178	69%	99.8%	99.6%
EFA200590	SPN401543	68%	99.8%	99.8%
EFA200590	SPY201389	68%	100%	99.8%
EFA200590	TPA100375	44%	98.3%	98.4%
EFA200590	UUR100118	44%	91.0%	91.6%
EFA200590	VCH102359	48%	99.8%	99.7%
EFA200590	YPS001804	48%	98.2%	98.1%
EFA200613	EFA200613	100%	100%	100%
EFA200613	SAU800898	31%	94.1%	85.0%
EFA200613	SPY200749	38%	92.9%	95.7%
EFA200621	ABA104593	47%	77.0%	67.2%
EFA200621	BAN113310	48%	18.3%	4.4%
EFA200621	BAN110029	66%	14.1%	1.5%
EFA200621	BFR11714	43%	89.2%	73.4%
EFA200621	BPT100248	48%	81.0%	70.9%
EFA200621	BBU100800	45%	77.5%	71.5%
EFA200621	BCE101969	46%	87.2%	94.9%
EFA200621	BFU100867	52%	75.9%	59.9%
EFA200621	BMA109716	44%	93.0%	80.7%
EFA200621	CJU100125	44%	17.3%	4.1%
EFA200621	CPN200434	39%	89.1%	77.8%
EFA200621	CTR200365	40%	87.4%	74.3%
EFA200621	CAC100425	55%	15.6%	1.9%
EFA200621	CBO103185	53%	12.1%	2.6%
EFA200621	CDF102888	56%	17.3%	4.3%
EFA200621	CDP100479	49%	73.4%	97.7%
EFA200621	EBC101431	42%	100%	88.4%
EFA200621	EFA200621	100%	100%	100%
EFA200621	EFM201052	79%	92.4%	99.9%
EFA200621	ECO103100	44%	95.1%	82.6%
EFA200621	HIN101252	50%	78.8%	75.2%
EFA200621	HPY101031	38%	98.4%	83.5%
EFA200621	KPN301426	45%	92.5%	85.6%
EFA200621	LPN102343	54%	54.2%	97.9%
EFA200621	LMO100282	60%	99.9%	98.5%
EFA200621	MCA100802	47%	76.4%	72.1%
EFA200621	MAV100286	48%	73.1%	96.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200621	MBV104310	50%	54.2%	98.2%
EFA200621	MLP100953	46%	17.6%	26.7%
EFA200621	MTU202801	47%	3.4%	11.2%
EFA200621	MGE100144	42%	77.7%	97.4%
EFA200621	MPN100676	41%	77.0%	97.9%
EFA200621	NGO101494	43%	95.7%	93.9%
EFA200621	NME201748	46%	88.7%	72.2%
EFA200621	PMU100759	42%	100%	94.8%
EFA200621	PRT102425	42%	99.1%	83.4%
EFA200621	PAE204740	42%	95.7%	91.4%
EFA200621	PPU108488	46%	78.4%	72.0%
EFA200621	PSY104832	49%	69.5%	98.4%
EFA200621	SPA101256	53%	57.6%	98.1%
EFA200621	STY101473	44%	93.0%	85.1%
EFA200621	SAU801269	62%	1.6%	10.2%
EFA200621	SEP201562	55%	100%	97.5%
EFA200621	SHA100514	54%	100%	97.5%
EFA200621	SMU100784	60%	21.4%	1.7%
EFA200621	SPN400481	64%	20.9%	4.9%
EFA200621	SPY201321	62%	17.8%	1.2%
EFA200621	TPA100881	48%	80.1%	74.7%
EFA200621	UUR100322	48%	75.8%	97.6%
EFA200621	VCH100631	50%	78.8%	68.8%
EFA200621	YPS001051	42%	99.0%	87.8%
EFA200624	ABA103925	34%	99.5%	82.8%
EFA200624	BAN104708	56%	83.5%	94.4%
EFA200624	BAN102313	66%	86.0%	92.9%
EFA200624	BFR10840	33%	82.2%	86.6%
EFA200624	BPT100246	35%	98.7%	81.7%
EFA200624	BBU100799	35%	92.0%	75.1%
EFA200624	BCE107342	38%	93.7%	77.8%
EFA200624	BFU100866	41%	89.0%	71.9%
EFA200624	BMA107734	39%	93.7%	77.8%
EFA200624	CJU100425	30%	88.7%	97.8%
EFA200624	CPN200435	34%	92.0%	84.8%
EFA200624	CTR200366	35%	88.7%	81.8%
EFA200624	CAC100279	52%	85.7%	97.7%
EFA200624	CBO102108	48%	99.5%	91.0%
EFA200624	CDF102471	52%	96.2%	100%
EFA200624	CDP100481	39%	84.5%	98.5%
EFA200624	EBC101239	34%	100%	79.8%
EFA200624	EFA200624	100%	100%	100%
EFA200624	EFM201833	85%	97.2%	98.7%
EFA200624	ECO103101	35%	100%	79.0%
EFA200624	HIN101251	34%	99.0%	82.2%
EFA200624	HPY101493	27%	91.5%	99.0%
EFA200624	KPN300994	35%	100%	79.0%
EFA200624	LPN100039	35%	99.7%	82.7%
EFA200624	LMO100131	63%	93.0%	99.5%
EFA200624	MCA100801	34%	100%	86.6%
EFA200624	MAV103287	30%	48.1%	96.7%
EFA200624	MBV103220	40%	84.0%	92.5%
EFA200624	MLP100955	40%	86.7%	95.7%
EFA200624	MTU202803	40%	84.0%	92.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200624	MGE100143	28%	99.0%	76.8%
EFA200624	MPN100677	30%	85.7%	65.4%
EFA200624	NGO101492	36%	88.5%	72.2%
EFA200624	NME201747	37%	94.0%	75.0%
EFA200624	PMU100760	35%	99.0%	82.4%
EFA200624	PRT102427	37%	100%	79.3%
EFA200624	PAE204741	34%	91.2%	74.2%
EFA200624	PPU108490	39%	71.9%	65.5%
EFA200624	PSY104834	36%	93.7%	77.5%
EFA200624	SPA101734	33%	91.2%	73.7%
EFA200624	STY101474	35%	91.2%	73.8%
EFA200624	SAU801266	57%	97.5%	99.0%
EFA200624	SEP201559	56%	97.5%	95.8%
EFA200624	SHA101153	60%	89.5%	94.7%
EFA200624	SMU100777	53%	97.7%	100%
EFA200624	SPN400478	54%	91.5%	100%
EFA200624	SPY201324	52%	94.2%	99.7%
EFA200624	TPA100882	37%	87.5%	71.3%
EFA200624	UUR100320	24%	98.5%	88.6%
EFA200624	VCH100630	34%	100%	79.0%
EFA200624	YPS001052	35%	100%	79.0%
EFA200660	ABA105585	47%	88.6%	93.3%
EFA200660	BAN110583	71%	92.4%	96.1%
EFA200660	BAN103323	71%	92.4%	96.1%
EFA200660	BFR100885	55%	86.1%	75.6%
EFA200660	BPT101387	50%	88.6%	77.8%
EFA200660	BBU100113	68%	63.3%	52.1%
EFA200660	BCE105745	51%	97.5%	84.6%
EFA200660	BFU105922	46%	97.5%	84.6%
EFA200660	BMA104982	51%	97.5%	84.6%
EFA200660	CJU100998	49%	100%	88.4%
EFA200660	CPN200890	50%	94.9%	90.2%
EFA200660	CTR200180	50%	94.9%	91.4%
EFA200660	CAC102549	54%	89.9%	82.2%
EFA200660	CBO100272	56%	92.4%	91.2%
EFA200660	CDF103531	55%	87.3%	92%
EFA200660	CDP100127	49%	84.8%	81.7%
EFA200660	EBC103610	51%	88.6%	93.3%
EFA200660	EFA200660	100%	100%	100%
EFA200660	EFM100455	93%	98.7%	100%
EFA200660	ECO104092	51%	88.6%	93.3%
EFA200660	HIN100524	52%	88.6%	93.3%
EFA200660	HPY101227	51%	73.4%	68.2%
EFA200660	KPN300649	51%	88.6%	93.3%
EFA200660	LPN101987	50%	82.3%	86.7%
EFA200660	LMO102748	70%	100%	100%
EFA200660	MCA101348	52%	88.6%	93.3%
EFA200660	MAV101549	53%	84.8%	78.6%
EFA200660	MBV106246	52%	84.8%	78.6%
EFA200660	MLP101583	53%	84.8%	78.6%
EFA200660	MTU200055	52%	84.8%	78.6%
EFA200660	MGE100094	48%	70.9%	51.4%
EFA200660	MPN100601	51%	70.9%	51.9%
EFA200660	NGO100183	51%	88.6%	92.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200660	NME201394	51%	88.6%	92.1%
EFA200660	PMU101178	51%	88.6%	93.3%
EFA200660	PRT102061	51%	88.6%	93.3%
EFA200660	PAE204929	53%	82.3%	85.5%
EFA200660	PPU106680	50%	82.3%	85.5%
EFA200660	PSY101038	50%	82.3%	85.5%
EFA200660	SPA102211	51%	88.6%	93.3%
EFA200660	STY103813	51%	88.6%	93.3%
EFA200660	STM103619	51%	88.6%	93.3%
EFA200660	SAU800367	76%	94.9%	93.8%
EFA200660	SEP201354	77%	94.9%	93.8%
EFA200660	SHA101080	78%	93.7%	92.5%
EFA200660	SMU101249	81%	98.7%	100%
EFA200660	SPN401393	81%	98.7%	100%
EFA200660	SPY201406	78%	98.7%	100%
EFA200660	TPA100060	62%	67.1%	53.5%
EFA200660	UUR100558	52%	91.1%	91.1%
EFA200660	VCH100363	51%	88.6%	93.3%
EFA200660	YPS002204	50%	88.6%	93.3%
EFA200661	ABA105929	28%	99.5%	98.4%
EFA200661	BAN105418	54%	100%	100%
EFA200661	BAN102675	59%	100%	100%
EFA200661	BFR100085	33%	54.3%	66.9%
EFA200661	BFR10599	40%	62.8%	76.3%
EFA200661	BPT100946	30%	63.8%	69.8%
EFA200661	BBU100114	33%	58.5%	75.2%
EFA200661	BCE112892	31%	99.5%	98.4%
EFA200661	BFU103395	30%	99.5%	98.3%
EFA200661	BMA103994	33%	70.7%	73.4%
EFA200661	CJU100997	37%	85.1%	79.8%
EFA200661	CPN200363	22%	95.7%	95.6%
EFA200661	CTR200309	23%	96.8%	95%
EFA200661	CAC102955	46%	55.9%	96.4%
EFA200661	CAC103317	54%	54.8%	77.4%
EFA200661	CAC101327	45%	91.0%	100%
EFA200661	CBO103395	38%	55.9%	92.9%
EFA200661	CBO103707	53%	72.9%	89.9%
EFA200661	CDF104218	32%	57.4%	79.0%
EFA200661	CDF103030	43%	58.0%	76.4%
EFA200661	CDP100636	34%	75%	90.1%
EFA200661	CDP100782	34%	98.4%	96.9%
EFA200661	EBC104214	30%	88.8%	95.5%
EFA200661	EFA200661	100%	100%	100%
EFA200661	EFM202042	61%	100%	100%
EFA200661	ECO103953	30%	88.8%	95.5%
EFA200661	HIN100237	30%	99.5%	98.2%
EFA200661	HPY101228	28%	100%	100%
EFA200661	KPN308310	32%	88.8%	95.4%
EFA200661	KPN301041	30%	75.5%	89.9%
EFA200661	LPN103463	27%	58.0%	78.6%
EFA200661	LMO100923	54%	100%	100%
EFA200661	LMO101733	58%	100%	100%
EFA200661	MCA100569	29%	99.5%	99.2%
EFA200661	MAV101548	38%	60.1%	73.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200661	MBV106247	34%	76.1%	93.9%
EFA200661	MLP101584	37%	60.1%	73.2%
EFA200661	MTU200054	34%	76.1%	93.9%
EFA200661	MGE100093	23%	58.5%	66.2%
EFA200661	MPN100602	22%	58.5%	66.3%
EFA200661	NGO100403	30%	67.0%	73.6%
EFA200661	NME201532	28%	99.5%	98.9%
EFA200661	PMU101950	30%	91.0%	98.2%
EFA200661	PRT100733	26%	93.1%	90.3%
EFA200661	PRT101487	31%	88.8%	95.4%
EFA200661	PAE204230	34%	58.0%	69.7%
EFA200661	PPU104550	29%	99.5%	97.8%
EFA200661	PSY105770	30%	99.5%	97.9%
EFA200661	STY102437	33%	60.6%	65.7%
EFA200661	STY102277	29%	88.8%	95.5%
EFA200661	STM102829	29%	88.8%	95.5%
EFA200661	SAU800366	51%	100%	100%
EFA200661	SAU801983	44%	100%	100%
EFA200661	SAU800864	54%	78.7%	95.7%
EFA200661	SEP201353	52%	100%	100%
EFA200661	SHA101079	51%	100%	100%
EFA200661	SMU101251	62%	100%	100%
EFA200661	SPN401394	54%	100%	100%
EFA200661	SPY201407	61%	100%	100%
EFA200661	TPA100061	30%	95.2%	96.0%
EFA200661	UUR100559	32%	97.3%	98.8%
EFA200661	VCH100392	30%	88.8%	95.5%
EFA200661	YPS002815	32%	88.8%	95.6%
EFA200662	ABA101593	29%	93%	70.9%
EFA200662	BAN105775	63%	94%	96.8%
EFA200662	BAN110631	65%	94%	95.8%
EFA200662	BFR100626	24%	94%	80.7%
EFA200662	BPT101390	25%	93%	71.4%
EFA200662	BCE111148	30%	93%	72.6%
EFA200662	BFU105918	30%	93%	66.2%
EFA200662	BMA108586	30%	93%	72.6%
EFA200662	CJU100996	30%	93%	72.8%
EFA200662	CPN200891	26%	94%	82.1%
EFA200662	CTR200179	30%	94%	82.1%
EFA200662	CAC102614	42%	94%	96.8%
EFA200662	CBO100194	39%	94%	94.8%
EFA200662	CDF103506	37%	90%	94.6%
EFA200662	CDP100784	34%	91%	93.7%
EFA200662	EBC103612	26%	93%	68.7%
EFA200662	EFA200662	100%	100%	100%
EFA200662	EFM100453	85%	98%	99.0%
EFA200662	ECO104090	26%	93%	68.7%
EFA200662	HIN100526	28%	90%	69.6%
EFA200662	HPY101229	28%	94%	64.8%
EFA200662	KPN302207	27%	93%	69.8%
EFA200662	LPN101590	32%	89%	76.8%
EFA200662	LMO102694	69%	95%	96.9%
EFA200662	MCA101349	27%	91%	66.2%
EFA200662	MAV101547	31%	93%	94.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200662	MBV100941	34%	93%	94.8%
EFA200662	MLP101585	30%	93%	94.8%
EFA200662	MTU200053	34%	93%	94.8%
EFA200662	NGO100178	30%	93%	73.8%
EFA200662	NME201396	29%	93%	73.8%
EFA200662	PMU101180	29%	93%	72%
EFA200662	PRT104507	27%	93%	68.7%
EFA200662	PAE204930	28%	91%	63.3%
EFA200662	PPU106677	28%	91%	62.4%
EFA200662	PSY101040	28%	91%	62.4%
EFA200662	STY103809	26%	93%	68.7%
EFA200662	STM103613	26%	93%	68.7%
EFA200662	SAU800365	62%	91%	91.8%
EFA200662	SEP201352	60%	91%	91.8%
EFA200662	SHA101078	55%	88%	94.6%
EFA200662	SMU101253	70%	95%	97.9%
EFA200662	SPN401395	72%	95%	97.9%
EFA200662	SPY201408	74%	95%	97.9%
EFA200662	UUR100560	34%	94%	56.9%
EFA200662	VCH100361	26%	94%	74.6%
EFA200662	YPS002210	29%	93%	69.2%
EFA200674	ABA100992	48%	96.6%	97.0%
EFA200674	BAN111688	50%	94.5%	97.5%
EFA200674	BAN103655	71%	99.5%	99.1%
EFA200674	BFR10422	52%	99.4%	99.5%
EFA200674	BPT100120	49%	92.8%	99.7%
EFA200674	BBU100435	53%	98.9%	100%
EFA200674	BCE109504	49%	99.5%	98.7%
EFA200674	BFU102072	50%	99.4%	99.8%
EFA200674	BMA101322	53%	100%	100%
EFA200674	CJU100003	52%	98.2%	99.7%
EFA200674	CPN200477	55%	98.9%	100%
EFA200674	CTR200455	56%	98.9%	100%
EFA200674	CAC101093	61%	98.9%	100%
EFA200674	CBO101275	61%	98.8%	99.7%
EFA200674	CDF100210	60%	98.2%	99.7%
EFA200674	CDP100030	50%	98.0%	98.5%
EFA200674	EBC104360	55%	98.3%	99.9%
EFA200674	EFA200674	100%	100%	100%
EFA200674	EFM200514	89%	99.5%	99.7%
EFA200674	ECO103620	55%	98.3%	99.9%
EFA200674	HIN100546	53%	97.8%	99.0%
EFA200674	HPY100496	50%	98.2%	99.9%
EFA200674	KPN301149	53%	63.5%	98.3%
EFA200674	LPN102764	61%	17.6%	95.1%
EFA200674	LMO100884	72%	100%	100%
EFA200674	MCA101384	51%	96.8%	97.2%
EFA200674	MAV100554	51%	98.8%	99.4%
EFA200674	MBV104294	49%	98.8%	94.0%
EFA200674	MLP100005	50%	98.8%	99.4%
EFA200674	MTU200005	49%	98.8%	94.0%
EFA200674	MGE100003	52%	99.5%	99.8%
EFA200674	MPN100151	53%	98.5%	99.2%
EFA200674	NGO100713	51%	99.1%	91.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200674	NME200053	51%	98.5%	99.5%
EFA200674	PMU101476	50%	98.2%	99.3%
EFA200674	PRT102211	54%	97.8%	99.5%
EFA200674	PAE200004	54%	97.8%	99.3%
EFA200674	PPU109146	53%	98.0%	99.4%
EFA200674	PSY100091	53%	98.0%	99.4%
EFA200674	SPA101583	52%	83.7%	89.7%
EFA200674	STY103968	55%	98.3%	99.9%
EFA200674	SAU800005	66%	97.7%	97.8%
EFA200674	SEP201276	67%	97.7%	98.0%
EFA200674	SHA102259	67%	97.7%	97.7%
EFA200674	SMU100247	77%	100%	100%
EFA200674	SPN400715	78%	100%	100%
EFA200674	SPY200532	76%	100%	100%
EFA200674	TPA100996	55%	98.0%	99.5%
EFA200674	UUR100079	54%	98.9%	99.7%
EFA200674	VCH100015	54%	98.3%	99.9%
EFA200674	YPS003447	55%	97.8%	99.5%
EFA200677	ABA100983	47%	79.2%	76.3%
EFA200677	BAN112286	19%	14.8%	48.4%
EFA200677	BAN110545	49%	93.3%	97.0%
EFA200677	BAN102589	54%	99.6%	99.8%
EFA200677	BFR101484	31%	98.0%	96.0%
EFA200677	BPT100629	38%	98.9%	99.6%
EFA200677	BBU100436	31%	99.1%	99.0%
EFA200677	BCE108826	45%	75.8%	90.9%
EFA200677	BFU100017	46%	69.4%	88.8%
EFA200677	BMA102755	46%	75.8%	63.4%
EFA200677	CJU100001	36%	86.4%	88.0%
EFA200677	CPN200324	37%	97.5%	93.6%
EFA200677	CTR200540	37%	98.0%	96.0%
EFA200677	CAC102789	50%	98.0%	97.5%
EFA200677	CBO101747	51%	98.2%	97.8%
EFA200677	CDF100209	58%	74.0%	91.7%
EFA200677	CDP100027	44%	84.1%	69.0%
EFA200677	EBC104357	49%	77.2%	78.0%
EFA200677	EFA200677	100%	100%	100%
EFA200677	EFM201887	28%	22.4%	39.3%
EFA200677	EFM202229	25%	21.9%	39.3%
EFA200677	ECO103623	42%	98.9%	99.4%
EFA200677	HIN100974	38%	99.6%	99.8%
EFA200677	HPY101507	36%	75.8%	74.0%
EFA200677	KPN301146	42%	98.7%	99.4%
EFA200677	LPN101463	41%	87.9%	98.8%
EFA200677	LMO100513	54%	99.3%	98.4%
EFA200677	MCA100098	33%	98.7%	95.3%
EFA200677	MAV100561	43%	94.0%	90.0%
EFA200677	MBV103652	43%	94.0%	89.9%
EFA200677	MLP100001	42%	94.0%	86.6%
EFA200677	MTU200001	43%	94.0%	89.9%
EFA200677	MGE100479	29%	98.7%	99.5%
EFA200677	MPN100156	29%	98.7%	99.5%
EFA200677	NGO100049	45%	75.4%	67.1%
EFA200677	NME200512	45%	75.4%	65.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200677	PMU101161	40%	99.6%	99.3%
EFA200677	PRT103054	40%	66.9%	98.5%
EFA200677	PAE200001	50%	75.4%	64.8%
EFA200677	PPU102202	44%	93.7%	83.4%
EFA200677	PSY103554	48%	81.9%	71.2%
EFA200677	SPA101587	49%	54.1%	100%
EFA200677	STY103948	42%	98.9%	99.4%
EFA200677	SAU800001	50%	98.0%	98.0%
EFA200677	SEP201279	51%	98.0%	98.0%
EFA200677	SHA102255	50%	98.0%	98.0%
EFA200677	SMU100027	44%	97.8%	97.8%
EFA200677	SPN400001	45%	98.0%	98.5%
EFA200677	SPY200001	44%	97.8%	97.8%
EFA200677	TPA100001	36%	98.2%	97.2%
EFA200677	UUR100001	31%	74.5%	75.1%
EFA200677	VCH100012	41%	98.9%	98.3%
EFA200677	YPS003458	42%	98.9%	99.4%
EFA200698	BPT101006	36%	95.3%	91.1%
EFA200698	BCE100250	30%	52.2%	98.0%
EFA200698	BFU106928	32%	93.6%	94.2%
EFA200698	BFU108046	31%	93.9%	98.3%
EFA200698	BFU110913	32%	93.2%	95.9%
EFA200698	BFU101670	34%	94.6%	97.8%
EFA200698	BFU102611	35%	94.6%	94.2%
EFA200698	BFU114233	31%	94.2%	97.3%
EFA200698	BMA106862	27%	95.9%	94.0%
EFA200698	CDP100121	25%	94.2%	94.9%
EFA200698	EBC102104	58%	97.3%	98.6%
EFA200698	EFA200698	100%	100%	100%
EFA200698	ECO100606	55%	95.6%	92.2%
EFA200698	HIN100022	59%	95.6%	97.3%
EFA200698	KPN302601	31%	26.1%	15.0%
EFA200698	MCA100880	25%	93.6%	97.0%
EFA200698	MAV100316	32%	99.0%	97.3%
EFA200698	MBV101161	31%	87.5%	87.9%
EFA200698	MTU202461	31%	87.5%	87.9%
EFA200698	PRT106096	29%	92.5%	95.0%
EFA200698	PAE200882	30%	94.6%	96.4%
EFA200698	PSY105164	21%	77.6%	74.4%
EFA200698	SPA101729	54%	89.5%	98.5%
EFA200698	STY101151	55%	95.6%	97.6%
EFA200698	STM100866	55%	95.6%	97.6%
EFA200698	SMU100150	81%	100%	98.3%
EFA200698	SPY200907	83%	100%	100%
EFA200698	VCH100784	59%	93.9%	93.9%
EFA200698	YPS002471	30%	94.6%	95.4%
EFA200699	BFR102889	30%	15.5%	16.2%
EFA200699	BFU101081	28%	26.1%	28.6%
EFA200699	CDF103732	21%	48.8%	59.3%
EFA200699	EBC102105	55%	91.0%	87.1%
EFA200699	EFA200699	100%	100%	100%
EFA200699	ECO100605	54%	94.7%	94.9%
EFA200699	HIN100021	56%	91.6%	93.4%
EFA200699	KPN201812	54%	97.1%	92.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200699	MAV106467	28%	34.1%	86.3%
EFA200699	MAV105815	28%	35.1%	44.2%
EFA200699	MAV105306	23%	44.1%	55.3%
EFA200699	NGO100728	23%	40.6%	73.5%
EFA200699	NME200226	22%	52.7%	96.0%
EFA200699	PSY103268	28%	30.8%	39.7%
EFA200699	SPA100333	55%	91.6%	95.7%
EFA200699	STY101418	55%	95.1%	95.5%
EFA200699	STM100867	53%	97.1%	97.8%
EFA200699	SMU100152	83%	100%	100%
EFA200699	SPY200908	84%	100%	100%
EFA200699	VCH100785	53%	96.3%	92.7%
EFA200731	ABA100331	31%	58.8%	76.3%
EFA200731	BAN110824	33%	98.7%	99.4%
EFA200731	BAN102960	45%	98.7%	99.3%
EFA200731	BFR104661	25%	67.5%	87.5%
EFA200731	BPT101402	31%	59.8%	84.9%
EFA200731	BBU100419	28%	42.5%	17.4%
EFA200731	BCE113044	28%	59.8%	67.9%
EFA200731	BFU111080	26%	67.6%	91.1%
EFA200731	BMA100367	27%	59.8%	81.0%
EFA200731	CJU101147	27%	35.8%	50.8%
EFA200731	CPN200162	22%	55.1%	85.6%
EFA200731	CAC103503	30%	98.2%	100%
EFA200731	CBO100338	29%	95.8%	98.8%
EFA200731	CDF103795	30%	68.8%	97.2%
EFA200731	EBC101910	28%	58.7%	78.9%
EFA200731	EFA200731	100%	100%	100%
EFA200731	EFM202051	76%	99.0%	99.5%
EFA200731	ECO100392	29%	60.6%	82.4%
EFA200731	KPN304908	28%	60.6%	82.4%
EFA200731	LPN101514	24%	60.5%	88%
EFA200731	LPN102152	33%	36.6%	75.1%
EFA200731	LMO102502	46%	98.5%	99.2%
EFA200731	MCA100492	33%	54.9%	93.4%
EFA200731	MAV103023	37%	39.2%	57.7%
EFA200731	MBV102357	30%	59.6%	87.8%
EFA200731	MLP101453	35%	40.7%	56.7%
EFA200731	MTU200488	30%	59.6%	87.8%
EFA200731	NGO101717	26%	68.1%	59.6%
EFA200731	NME200153	25%	74.2%	65.4%
EFA200731	PRT101269	31%	55.6%	75.3%
EFA200731	PAE205479	28%	97.9%	98.8%
EFA200731	PPU102000	32%	67.8%	70.0%
EFA200731	PSY103050	30%	69.0%	71.4%
EFA200731	SPA101180	28%	60.6%	83.5%
EFA200731	STY100357	28%	60.6%	82.4%
EFA200731	STM100029	28%	60.6%	82.4%
EFA200731	SAU800019	42%	98.5%	98.8%
EFA200731	SEP201242	42%	98.5%	98.9%
EFA200731	SHA101256	41%	98.5%	98.7%
EFA200731	SMU100503	53%	62.6%	95.2%
EFA200731	SPN401105	51%	70.6%	96.7%
EFA200731	SPY200379	52%	63.7%	87.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200731	VCH100707	29%	58.5%	79.9%
EFA200731	YPS002602	31%	55.6%	74.0%
EFA200733	ABA101702	39%	96.6%	93.7%
EFA200733	BAN102017	65%	99.6%	99.1%
EFA200733	BAN108755	74%	99.6%	98.7%
EFA200733	BFR10442	44%	95.7%	96.1%
EFA200733	BPT101404	43%	95.3%	94.4%
EFA200733	BCE115095	46%	99.1%	85.3%
EFA200733	BFU109627	47%	98.3%	92.7%
EFA200733	BMA100321	42%	96.2%	96.6%
EFA200733	CJU101186	32%	97.4%	99.1%
EFA200733	CJU101152	38%	97.4%	99.1%
EFA200733	CAC100510	55%	96.2%	95.7%
EFA200733	CBO101454	53%	96.6%	96.6%
EFA200733	CDF103771	49%	95.7%	97.4%
EFA200733	CDP100744	47%	96.6%	98.2%
EFA200733	EBC104489	42%	97.4%	98.3%
EFA200733	EFA200733	100%	100%	100%
EFA200733	EFM200129	90%	100%	89.7%
EFA200733	ECO103818	43%	97.4%	98.3%
EFA200733	HIN100817	39%	97.4%	99.1%
EFA200733	KPN302148	44%	99.6%	97.9%
EFA200733	LMO101754	81%	99.6%	98.7%
EFA200733	MCA101884	43%	96.2%	96.2%
EFA200733	MAV103024	47%	97.4%	99.1%
EFA200733	MBV102356	47%	97.4%	97.8%
EFA200733	MLP100469	47%	96.2%	95.6%
EFA200733	MTU200489	47%	97.4%	99.1%
EFA200733	PMU101887	38%	97.4%	98.3%
EFA200733	PRT100356	42%	97.4%	98.3%
EFA200733	PAE201156	40%	95.7%	94.9%
EFA200733	SPA101179	41%	96.2%	96.5%
EFA200733	STY103227	42%	97.4%	98.3%
EFA200733	STM100028	41%	96.2%	96.5%
EFA200733	SAU800018	70%	98.7%	98.3%
EFA200733	SEP201243	70%	97.4%	95.4%
EFA200733	SHA101255	71%	97.4%	95.8%
EFA200733	SMU100506	71%	98.3%	99.1%
EFA200733	SPN401106	70%	98.3%	92.4%
EFA200733	SPY200378	70%	98.3%	99.2%
EFA200733	YPS001580	43%	97.4%	98.3%
EFA200746	ABA104775	26%	35%	68.7%
EFA200746	BAN107854	29%	96.3%	99.8%
EFA200746	BAN111708	32%	88.5%	98.3%
EFA200746	EFA200746	100%	100%	100%
EFA200746	EFM202588	56%	100%	100%
EFA200746	LMO100335	36%	97.6%	96.8%
EFA200746	SAU800923	32%	96.7%	97.7%
EFA200746	SEP201474	31%	97.0%	97.9%
EFA200746	SHA100958	37%	50.9%	98.7%
EFA200746	SMU100022	37%	98.3%	98.6%
EFA200747	EFA200747	100%	100%	100%
EFA200747	EFM200896	82%	99.5%	100%
EFA200747	LMO100794	57%	98.1%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200747	PAE203612	29%	18.1%	21.6%
EFA200747	SAU801275	46%	97.9%	98.9%
EFA200747	SEP201568	46%	97.9%	96.3%
EFA200747	SHA101100	46%	97.9%	97.0%
EFA200747	SMU100333	60%	97.5%	99.6%
EFA200747	SPN400538	60%	97.7%	99.8%
EFA200747	SPY200771	58%	97.5%	99.6%
EFA200747	VCH100261	25%	18.1%	20.7%
EFA200766	ABA105133	32%	92.5%	94.1%
EFA200766	BAN113695	40%	95.2%	95.9%
EFA200766	BAN110083	51%	97.6%	95.3%
EFA200766	BFR106048	33%	85.1%	86.2%
EFA200766	BMA108673	34%	73.3%	95.3%
EFA200766	CJU100651	36%	74.0%	73.1%
EFA200766	CAC103516	43%	98.1%	99.8%
EFA200766	CAC103116	43%	98.1%	99.5%
EFA200766	CBO101395	43%	98.1%	98.8%
EFA200766	CDF101858	45%	97.6%	97.6%
EFA200766	EBC107301	37%	65.8%	39.8%
EFA200766	EFA200766	100%	100%	100%
EFA200766	EFM201535	88%	98.8%	99.3%
EFA200766	ECO102040	34%	94.7%	94.3%
EFA200766	HIN100399	32%	95.2%	94.1%
EFA200766	HPY100166	33%	74.7%	73.5%
EFA200766	KPN300423	46%	11.3%	44.8%
EFA200766	KPN304482	34%	91.8%	91.6%
EFA200766	LMO102686	70%	98.6%	99.5%
EFA200766	MCA100567	31%	88.4%	92.0%
EFA200766	NGO100452	35%	92.3%	94.5%
EFA200766	NME201774	35%	92.3%	94.5%
EFA200766	PMU100233	32%	94.9%	94.1%
EFA200766	PRT102329	33%	91.6%	90.2%
EFA200766	PAE205435	34%	93.5%	88.8%
EFA200766	PPU111450	32%	95.7%	95.3%
EFA200766	PSY104961	36%	65.8%	38.9%
EFA200766	SPA104056	34%	91.8%	97.4%
EFA200766	STY104182	34%	95.7%	95.1%
EFA200766	STM103916	34%	95.7%	95.1%
EFA200766	SAU801612	51%	99.8%	98.1%
EFA200766	SEP201130	51%	99.8%	98.1%
EFA200766	SHA101196	50%	99.8%	99.5%
EFA200766	SMU100046	72%	98.6%	95.3%
EFA200766	SPN401281	67%	54.0%	92.5%
EFA200766	SPN401283	74%	99.8%	94.9%
EFA200766	SPY200427	72%	97.8%	94.6%
EFA200766	VCH100704	34%	91.3%	90.1%
EFA200766	YPS003165	32%	97.1%	94.0%
EFA200794	BAN112108	39%	82.3%	80.3%
EFA200794	BAN105533	40%	97.2%	97.6%
EFA200794	BPT101186	28%	52.8%	56%
EFA200794	CDF101053	32%	81.6%	77.5%
EFA200794	EFA200794	100%	100%	100%
EFA200794	EFM201900	59%	98.7%	99.7%
EFA200794	HIN100435	24%	83.9%	79.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200794	LPN103565	35%	48.1%	50.8%
EFA200794	LMO101540	38%	98.4%	99.1%
EFA200794	MCA101120	33%	67.1%	66.6%
EFA200794	NGO100045	31%	68.0%	68.6%
EFA200794	NME200903	36%	43.0%	44.9%
EFA200794	PMU101674	27%	71.5%	70.3%
EFA200794	PAE202959	35%	47.8%	45.7%
EFA200794	PPU104835	37%	48.1%	46.0%
EFA200794	PSY106959	33%	47.8%	45.7%
EFA200794	SPA100838	28%	57.0%	54.5%
EFA200794	SAU800484	27%	93.4%	97.7%
EFA200794	SEP201817	29%	93.4%	97.7%
EFA200794	SHA101458	29%	93.4%	97.7%
EFA200794	SMU100344	35%	96.2%	99.3%
EFA200794	SPN400836	35%	97.2%	98.6%
EFA200794	SPY200290	33%	95.9%	98.6%
EFA200794	VCH101985	32%	53.8%	52.8%
EFA200797	BFR101396	23%	34.6%	89.3%
EFA200797	BCE109516	30%	23.4%	55.2%
EFA200797	BFU110052	26%	32.9%	26.0%
EFA200797	EFA200797	100%	100%	100%
EFA200797	ECO101249	24%	17.7%	37.4%
EFA200797	KPN301095	26%	17.8%	36.6%
EFA200797	PRT105300	36%	13.6%	31.7%
EFA200797	SPA104362	24%	17.8%	37.5%
EFA200797	STY103053	26%	17.8%	37.4%
EFA200797	YPS000920	25%	18.2%	37.5%
EFA200805	ABA104003	47%	93.9%	99.2%
EFA200805	BAN107104	43%	82.4%	84.9%
EFA200805	BAN105134	73%	98.3%	99.7%
EFA200805	BFR12467	43%	91.2%	98.4%
EFA200805	BPT100051	47%	93.8%	98.5%
EFA200805	BBU100388	47%	94.5%	98.7%
EFA200805	BCE104307	45%	93.8%	99.1%
EFA200805	BFU100849	45%	80.6%	96.9%
EFA200805	BMA104886	45%	93.8%	99.1%
EFA200805	CJU100443	41%	94.3%	99.1%
EFA200805	CPN200682	47%	94.0%	98.7%
EFA200805	CTR200581	58%	7.3%	0.2%
EFA200805	CAC102610	65%	96.1%	94.8%
EFA200805	CBO100154	63%	99.1%	98.0%
EFA200805	CDF100552	62%	99.6%	98.2%
EFA200805	CDP100874	61%	0.9%	8.0%
EFA200805	EBC101233	47%	72.8%	93.7%
EFA200805	EFA200805	100%	100%	100%
EFA200805	EFM202205	94%	99.8%	99.5%
EFA200805	ECO103885	46%	94.1%	99.4%
EFA200805	HIN100494	45%	93.9%	99.3%
EFA200805	KPN302483	47%	89.2%	99.9%
EFA200805	LPN101720	65%	5.6%	95.7%
EFA200805	LMO101542	78%	96.0%	97.8%
EFA200805	MCA101003	44%	94.4%	99.3%
EFA200805	MAV102933	62%	1.7%	7.3%
EFA200805	MBV100910	61%	1.7%	7.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200805	MLP101145	61%	66.2%	71.4%
EFA200805	MTU200664	61%	1.7%	7.2%
EFA200805	MGE100350	48%	0.6%	6.2%
EFA200805	MPN100326	47%	0.5%	6.1%
EFA200805	NME200136	46%	93.8%	99.1%
EFA200805	PMU101737	45%	94.4%	99.4%
EFA200805	PAE204268	46%	93.9%	99.3%
EFA200805	PPU104497	44%	93.8%	99.1%
EFA200805	PSY103339	45%	93.8%	99.1%
EFA200805	SPA102792	59%	42.3%	78.8%
EFA200805	STY102671	46%	94.1%	99.4%
EFA200805	STM102058	46%	94.1%	99.4%
EFA200805	SAU800542	73%	98.1%	99.7%
EFA200805	SEP201886	73%	98.1%	99.7%
EFA200805	SHA101636	71%	93.8%	100%
EFA200805	SMU100556	77%	97.9%	99.4%
EFA200805	SPN401775	75%	99.5%	98.9%
EFA200805	SPY200071	76%	97.9%	99.3%
EFA200805	TPA100238	58%	2.1%	5.8%
EFA200805	UUR100187	45%	1.1%	7.5%
EFA200805	VCH100323	45%	94.1%	96.9%
EFA200805	YPS000489	46%	93.9%	99.3%
EFA200807	ABA100041	39%	11.1%	72.8%
EFA200807	ABA104621	52%	98.0%	97.3%
EFA200807	BAN107772	45%	98.2%	99.8%
EFA200807	BAN101907	76%	98.4%	99.8%
EFA200807	BFR102987	50%	96.7%	97.3%
EFA200807	BPT101163	52%	97.7%	96.4%
EFA200807	BBU100387	56%	97.6%	99.6%
EFA200807	BCE108518	62%	47.2%	96.7%
EFA200807	BFU100842	54%	80.2%	61.1%
EFA200807	BMA101246	52%	99.2%	97.7%
EFA200807	CJU100444	51%	97.1%	98.7%
EFA200807	CPN200681	51%	96.9%	96.9%
EFA200807	CTR200580	51%	96.9%	97.1%
EFA200807	CAC100576	63%	97.3%	98.1%
EFA200807	CBO100117	64%	98.3%	99.2%
EFA200807	CDF100550	63%	97.7%	99.8%
EFA200807	CDP100877	50%	5.7%	1.0%
EFA200807	EBC103916	49%	96.8%	96.2%
EFA200807	EFA200807	100%	100%	100%
EFA200807	EFM200070	89%	96.5%	100%
EFA200807	ECO103886	49%	99.4%	97.9%
EFA200807	HIN100493	52%	99.3%	98.1%
EFA200807	HPY101181	52%	96.7%	51.2%
EFA200807	KPN300484	41%	12.5%	88.9%
EFA200807	KPN302484	49%	96.8%	96.2%
EFA200807	LPN100508	65%	44.0%	98.7%
EFA200807	LMO101517	79%	98.8%	100%
EFA200807	MCA101004	52%	99.1%	97.0%
EFA200807	MAV102932	52%	6.0%	0.6%
EFA200807	MBV100906	52%	6.0%	0.6%
EFA200807	MLP101144	51%	6.0%	0.6%
EFA200807	MTU200665	52%	6.0%	0.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200807	MGE100349	46%	96.1%	97.2%
EFA200807	MPN100327	46%	96.1%	97.4%
EFA200807	NGO101637	54%	77.2%	38.2%
EFA200807	NME200135	51%	97.7%	98.1%
EFA200807	PMU101736	50%	98.8%	97.2%
EFA200807	PRT104687	55%	77.2%	41.2%
EFA200807	PAE204267	49%	98.8%	98.4%
EFA200807	PPU104498	49%	98.8%	97.7%
EFA200807	PSY103340	49%	98.8%	98.4%
EFA200807	SPA101954	39%	64.7%	100%
EFA200807	STY102668	48%	96.8%	96.2%
EFA200807	STM102060	48%	96.8%	96.2%
EFA200807	SAU800543	72%	98.8%	99.8%
EFA200807	SEP201887	73%	98.8%	100%
EFA200807	SHA100756	54%	6.7%	73.6%
EFA200807	SHA101637	73%	97.4%	98.5%
EFA200807	SMU100552	78%	99.0%	99.5%
EFA200807	SPN401774	77%	97.7%	97.1%
EFA200807	SPY200072	77%	99.3%	99.8%
EFA200807	TPA100239	56%	99.3%	99.1%
EFA200807	UUR100188	45%	96.2%	98.2%
EFA200807	VCH100324	52%	97.1%	96.8%
EFA200807	YPS000478	52%	99.4%	98.0%
EFA200811	ABA100676	55%	95.9%	98.6%
EFA200811	BAN101291	66%	97.3%	97.9%
EFA200811	BAN111521	66%	97.3%	97.9%
EFA200811	BFR11426	51%	97.9%	94.8%
EFA200811	BPT102861	51%	95.2%	97.9%
EFA200811	BBU100338	52%	92.5%	92.5%
EFA200811	BCE107311	58%	95.9%	79.5%
EFA200811	BFU103522	60%	95.9%	98.6%
EFA200811	BMA107182	59%	95.9%	78.2%
EFA200811	CJU101396	53%	91.1%	95.0%
EFA200811	CPN200505	44%	95.9%	94.6%
EFA200811	CTR200395	46%	95.2%	94%
EFA200811	CAC102148	52%	95.9%	97.2%
EFA200811	CBO103121	58%	95.9%	96.6%
EFA200811	CDF100062	54%	95.2%	97.2%
EFA200811	CDP100045	52%	95.9%	95.2%
EFA200811	EBC102180	58%	95.9%	98.6%
EFA200811	EFA200811	100%	100%	100%
EFA200811	EFM201491	95%	100%	83.0%
EFA200811	ECO103161	58%	95.9%	98.6%
EFA200811	HIN101412	59%	95.9%	98.6%
EFA200811	HPY100082	48%	91.1%	94.3%
EFA200811	KPN301994	56%	95.9%	98.6%
EFA200811	LPN102178	55%	95.9%	97.2%
EFA200811	LMO100177	76%	97.3%	97.9%
EFA200811	MCA103453	56%	96.6%	98.6%
EFA200811	MAV103415	60%	92.5%	91.8%
EFA200811	MBV101152	60%	92.5%	69.2%
EFA200811	MLP100232	59%	95.9%	95.2%
EFA200811	MTU203396	60%	92.5%	91.8%
EFA200811	MGE100428	42%	96.6%	97.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200811	MPN100225	45%	88.4%	88.4%
EFA200811	NGO101071	57%	95.9%	97.9%
EFA200811	NME200352	57%	95.9%	97.9%
EFA200811	PMU100520	56%	95.9%	98.6%
EFA200811	PRT100489	57%	95.9%	98.6%
EFA200811	PAE204431	58%	95.9%	98.6%
EFA200811	PPU105984	56%	95.9%	98.6%
EFA200811	PSY103838	58%	92.5%	95.1%
EFA200811	SPA100958	58%	95.9%	98.6%
EFA200811	STY101563	58%	95.9%	98.6%
EFA200811	SAU802218	69%	94.5%	95.2%
EFA200811	SEP202048	66%	94.5%	95.2%
EFA200811	SHA100040	74%	72.6%	94.6%
EFA200811	SMU101369	82%	100%	98.6%
EFA200811	SPN400271	82%	100%	98.6%
EFA200811	SPY201486	82%	100%	98.6%
EFA200811	TPA101015	48%	92.5%	95.1%
EFA200811	UUR100584	55%	89.0%	87.8%
EFA200811	VCH100560	57%	95.9%	98.6%
EFA200811	YPS002279	57%	95.9%	98.6%
EFA200812	ABA100673	53%	94.6%	96.1%
EFA200812	BAN112009	70%	100%	100%
EFA200812	BAN109246	71%	100%	100%
EFA200812	BFR11427	52%	93.1%	94.5%
EFA200812	BPT102858	52%	94.6%	94.6%
EFA200812	BBU100337	55%	94.6%	90.4%
EFA200812	BCE104886	52%	94.6%	94.6%
EFA200812	BFU103523	50%	94.6%	94.6%
EFA200812	BMA104857	52%	94.6%	94.6%
EFA200812	CJU101395	49%	93.8%	95.3%
EFA200812	CPN200506	54%	93.8%	91.8%
EFA200812	CTR200396	51%	93.8%	91.7%
EFA200812	CAC102494	64%	100%	100%
EFA200812	CBO103462	63%	100%	100%
EFA200812	CDF100063	61%	100%	100%
EFA200812	CDP100047	51%	93.1%	68.4%
EFA200812	EBC102179	52%	100%	100%
EFA200812	EFA200812	100%	100%	100%
EFA200812	EFM201820	96%	100%	100%
EFA200812	ECO103160	52%	100%	100%
EFA200812	HIN101411	50%	100%	100%
EFA200812	HPY100081	45%	93.8%	95.3%
EFA200812	KPN302005	52%	100%	100%
EFA200812	LPN102542	47%	96.9%	96.5%
EFA200812	LMO100441	74%	100%	100%
EFA200812	MCA100086	55%	94.6%	96.1%
EFA200812	MAV103416	54%	93.1%	72.9%
EFA200812	MBV101153	54%	93.1%	80.1%
EFA200812	MLP100233	53%	93.1%	79.1%
EFA200812	MTU203395	54%	93.1%	80.1%
EFA200812	MGE100427	44%	100%	100%
EFA200812	MPN100226	49%	100%	100%
EFA200812	NGO102668	58%	96.2%	96.2%
EFA200812	NME200353	58%	96.2%	96.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200812	PMU100521	53%	100%	100%
EFA200812	PRT100490	53%	100%	100%
EFA200812	PAE204430	54%	100%	100%
EFA200812	PPU105982	53%	100%	100%
EFA200812	PSY108021	54%	100%	100%
EFA200812	SPA100957	51%	100%	100%
EFA200812	STY101559	51%	100%	100%
EFA200812	SAU802217	72%	100%	100%
EFA200812	SEP202046	72%	100%	100%
EFA200812	SHA100041	73%	100%	100%
EFA200812	SMU101370	91%	100%	100%
EFA200812	SPN400272	89%	100%	100%
EFA200812	SPY201485	90%	100%	100%
EFA200812	TPA101014	54%	94.6%	95.3%
EFA200812	UUR100583	52%	97.7%	95.5%
EFA200812	VCH100561	51%	100%	100%
EFA200812	YPS002276	53%	100%	100%
EFA200829	ABA100810	27%	84.3%	85.6%
EFA200829	BAN105237	33%	94.7%	96.4%
EFA200829	BAN104566	51%	99.7%	99.3%
EFA200829	BFR11211	23%	79.3%	94.8%
EFA200829	BPT102727	25%	79%	82.6%
EFA200829	BBU100597	31%	92.3%	92.7%
EFA200829	BCE105021	34%	87%	92.9%
EFA200829	BFU110799	29%	46%	32.1%
EFA200829	BMA103015	26%	80%	78.7%
EFA200829	CJU101581	33%	61%	65.9%
EFA200829	CPN200851	34%	89.7%	87.5%
EFA200829	CTR200213	35%	92.3%	92.6%
EFA200829	CAC101781	47%	98.3%	96.7%
EFA200829	CBO101419	52%	95%	93.1%
EFA200829	CDF101126	43%	98%	93.1%
EFA200829	CDP100735	25%	87%	98.2%
EFA200829	EBC104194	28%	79.3%	83.9%
EFA200829	EFA200829	100%	100%	100%
EFA200829	EFM201956	74%	99.7%	96.1%
EFA200829	ECO103874	27%	82.3%	86.5%
EFA200829	HIN100255	27%	84.7%	88.9%
EFA200829	HPY101397	27%	78.7%	85.7%
EFA200829	KPN300758	27%	79.3%	83.9%
EFA200829	LPN101622	35%	96.7%	96.0%
EFA200829	LMO102057	57%	95.7%	96.3%
EFA200829	MCA100620	23%	78.3%	85.0%
EFA200829	MAV103805	24%	79.3%	82.0%
EFA200829	MBV102338	25%	79.3%	82.1%
EFA200829	MLP101458	24%	79.3%	81.7%
EFA200829	MTU200480	25%	79.3%	82.1%
EFA200829	NGO100898	27%	84.3%	89.0%
EFA200829	NME200943	27%	77.7%	83.2%
EFA200829	PMU101589	27%	89.3%	95.6%
EFA200829	PRT102712	27%	93.7%	96.5%
EFA200829	PAE202975	26%	86.7%	92.3%
EFA200829	PPU101791	26%	83.3%	89.4%
EFA200829	PSY101711	27%	86.7%	92.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200829	SPA103331	27%	81.3%	85.7%
EFA200829	STY102701	28%	81.3%	85.7%
EFA200829	STM102039	28%	81%	85.4%
EFA200829	SAU800738	52%	98.3%	96.1%
EFA200829	SEP200812	52%	99.3%	98.7%
EFA200829	SHA102002	55%	95.7%	93.5%
EFA200829	SMU100056	51%	99.7%	97.7%
EFA200829	SPN401246	55%	98.3%	93.4%
EFA200829	SPY200834	54%	98.3%	100%
EFA200829	TPA100089	28%	93.7%	92.9%
EFA200829	VCH100313	31%	60.7%	63.6%
EFA200829	YPS000538	26%	67.3%	72.2%
EFA200839	ABA106058	62%	100%	99.3%
EFA200839	BAN106044	77%	80.7%	99.1%
EFA200839	BFR10521	61%	100%	95.2%
EFA200839	BPT100048	59%	100%	98.6%
EFA200839	BBU100392	51%	98.6%	97.2%
EFA200839	BCE100591	60%	100%	98.6%
EFA200839	BFU104508	62%	100%	92.8%
EFA200839	BMA106139	61%	100%	98.6%
EFA200839	CJU100439	60%	97.9%	97.2%
EFA200839	CPN200686	61%	98.6%	97.9%
EFA200839	CTR200585	57%	98.6%	97.9%
EFA200839	CAC101038	72%	99.3%	98.6%
EFA200839	CBO102195	77%	100%	99.3%
EFA200839	CDF104047	78%	100%	99.3%
EFA200839	CDP100850	63%	98.6%	97.2%
EFA200839	EBC102886	65%	100%	99.3%
EFA200839	EFA200839	100%	100%	100%
EFA200839	ECO103881	65%	100%	99.3%
EFA200839	HIN100496	66%	100%	99.3%
EFA200839	HPY101185	61%	99.3%	98.6%
EFA200839	KPN300527	65%	100%	99.3%
EFA200839	LMO100036	84%	100%	99.3%
EFA200839	MCA100999	64%	100%	98.6%
EFA200839	MAV102318	68%	98.6%	97.2%
EFA200839	MBV103157	68%	98.6%	97.2%
EFA200839	MLP101154	66%	98.6%	97.2%
EFA200839	MTU200637	68%	98.6%	97.2%
EFA200839	MGE100083	50%	99.3%	98.5%
EFA200839	MPN100612	50%	99.3%	98.5%
EFA200839	NGO101667	59%	100%	97.9%
EFA200839	NME200140	59%	100%	97.9%
EFA200839	PMU101743	65%	100%	99.3%
EFA200839	PAE204272	62%	100%	98.6%
EFA200839	PPU104469	61%	100%	98.6%
EFA200839	PSY106552	60%	100%	95.9%
EFA200839	SPA107834	69%	62.9%	90.7%
EFA200839	STY102683	65%	100%	99.3%
EFA200839	STM102055	65%	100%	99.3%
EFA200839	SAU800537	85%	100%	100%
EFA200839	SEP201881	84%	100%	100%
EFA200839	SHA101488	84%	99.3%	98.6%
EFA200839	SMU101147	84%	99.3%	98.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200839	SPN400555	86%	99.3%	98.6%
EFA200839	SPY200329	85%	99.3%	98.6%
EFA200839	TPA100234	56%	98.6%	95.2%
EFA200839	UUR100547	49%	98.6%	89.3%
EFA200839	VCH100319	65%	100%	99.3%
EFA200839	YPS000498	66%	100%	99.3%
EFA200840	ABA104945	52%	98.3%	97.4%
EFA200840	BAN101496	74%	38.9%	94.7%
EFA200840	BAN103921	61%	98.3%	98.3%
EFA200840	BFR10522	50%	99.6%	98.3%
EFA200840	BPT100050	55%	99.6%	98.3%
EFA200840	BBU100391	47%	98.3%	98.2%
EFA200840	BCE101116	52%	99.6%	98.3%
EFA200840	BFU100848	53%	99.6%	98.3%
EFA200840	BMA108405	52%	99.6%	98.3%
EFA200840	CJU100440	54%	98.3%	96.6%
EFA200840	CPN200685	54%	98.3%	97.0%
EFA200840	CTR200584	54%	98.3%	97.0%
EFA200840	CAC102626	62%	96.1%	96.5%
EFA200840	CBO103496	63%	96.1%	96.5%
EFA200840	CDF100546	65%	99.1%	98.3%
EFA200840	CDP100852	56%	98.3%	95.7%
EFA200840	EBC102885	54%	99.1%	97.0%
EFA200840	EFA200840	100%	100%	100%
EFA200840	ECO103882	54%	99.1%	97.0%
EFA200840	HIN100495	52%	99.6%	99.6%
EFA200840	HPY101184	56%	98.3%	96.6%
EFA200840	KPN300590	57%	49.8%	91.1%
EFA200840	LMO100406	79%	99.6%	99.6%
EFA200840	MCA101000	51%	98.3%	96.6%
EFA200840	MAV102320	59%	98.3%	95.7%
EFA200840	MBV103159	58%	98.3%	99.1%
EFA200840	MLP101153	58%	98.3%	95.7%
EFA200840	MTU200638	59%	98.3%	95.7%
EFA200840	MGE100084	47%	97.8%	98.2%
EFA200840	MPN100611	50%	97.8%	98.2%
EFA200840	NGO101665	52%	99.6%	98.7%
EFA200840	NME200139	53%	99.6%	98.7%
EFA200840	PMU101742	51%	99.6%	99.6%
EFA200840	PAE204271	50%	99.6%	98.7%
EFA200840	PPU104471	50%	99.6%	98.7%
EFA200840	PSY103536	50%	99.6%	98.7%
EFA200840	SPA102795	54%	99.1%	97.0%
EFA200840	STY102680	54%	99.1%	97.0%
EFA200840	STM102056	54%	99.1%	97.0%
EFA200840	SAU800538	73%	100%	99.6%
EFA200840	SEP201882	72%	100%	99.1%
EFA200840	SHA101489	73%	100%	99.1%
EFA200840	SMU101145	75%	100%	100%
EFA200840	SPN400556	74%	98.3%	98.3%
EFA200840	SPY200330	75%	99.6%	99.6%
EFA200840	TPA100235	44%	96.9%	96.9%
EFA200840	UUR100546	48%	97.8%	97.8%
EFA200840	VCH100320	51%	98.7%	97.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200840	YPS000494	54%	99.1%	97.0%
EFA200841	ABA104908	38%	97.0%	97.0%
EFA200841	BAN101384	59%	95.8%	95.8%
EFA200841	BAN106254	59%	95.8%	95.8%
EFA200841	BFR101778	25%	89.8%	88.2%
EFA200841	BPT104548	37%	92.8%	87.9%
EFA200841	BBU100390	31%	96.4%	94.6%
EFA200841	BCE110567	39%	95.2%	95.2%
EFA200841	BFU104512	40%	93.4%	76.6%
EFA200841	BMA104533	39%	95.2%	85.3%
EFA200841	CJU100441	30%	94.6%	96.9%
EFA200841	CPN200684	26%	91.0%	89.4%
EFA200841	CTR200583	25%	91.0%	88.4%
EFA200841	CAC103420	43%	93.4%	92.3%
EFA200841	CBO103649	46%	93.4%	93.4%
EFA200841	CDF100545	45%	95.8%	90.9%
EFA200841	CDP100855	39%	87.3%	90.6%
EFA200841	EFA200841	100%	100%	100%
EFA200841	EFM100720	84%	98.2%	97.6%
EFA200841	ECO103883	34%	93.4%	94.5%
EFA200841	HIN100621	39%	95.2%	95.7%
EFA200841	HPY101183	33%	94.0%	93.9%
EFA200841	KPN304658	33%	93.4%	94.5%
EFA200841	LMO101102	63%	93.4%	93.4%
EFA200841	MCA101001	35%	95.2%	95.2%
EFA200841	MAV102938	41%	94.6%	85.2%
EFA200841	MBV100919	38%	97.6%	90.4%
EFA200841	MLP101148	39%	94.6%	94.4%
EFA200841	MTU200648	38%	97.6%	90.4%
EFA200841	MGE100371	36%	79.5%	82.1%
EFA200841	MPN100304	37%	91.6%	96.3%
EFA200841	NGO101663	37%	97.0%	97.6%
EFA200841	NME200138	37%	97.0%	97.6%
EFA200841	PMU101739	35%	95.2%	95.7%
EFA200841	PRT103043	34%	95.2%	95.8%
EFA200841	PAE204270	39%	95.2%	95.2%
EFA200841	PPU104473	36%	95.2%	81.0%
EFA200841	PSY103338	39%	95.2%	95.2%
EFA200841	SPA102794	33%	93.4%	94.5%
EFA200841	STY102677	33%	93.4%	94.5%
EFA200841	STM102057	33%	93.4%	94.5%
EFA200841	SAU800539	60%	98.2%	98.2%
EFA200841	SEP201883	60%	98.2%	98.2%
EFA200841	SHA101633	61%	98.2%	98.2%
EFA200841	SMU100974	73%	100%	99.4%
EFA200841	SPN401211	69%	100%	100%
EFA200841	SPY200814	71%	100%	100%
EFA200841	TPA100236	32%	98.8%	88.9%
EFA200841	UUR100008	38%	96.4%	96.4%
EFA200841	VCH100321	35%	93.4%	94.4%
EFA200841	YPS000491	32%	95.2%	95.8%
EFA200842	ABA105381	66%	69.7%	100%
EFA200842	BAN106592	60%	95.9%	97.5%
EFA200842	BAN112078	66%	95.9%	97.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200842	BFR106071	51%	97.5%	98.4%
EFA200842	BPT104549	65%	100%	100%
EFA200842	BBU100389	55%	100%	100%
EFA200842	BCE104254	67%	100%	100%
EFA200842	BFU104514	64%	100%	100%
EFA200842	BMA108492	66%	100%	100%
EFA200842	CJU100442	52%	100%	100%
EFA200842	CPN200683	45%	97.5%	95.3%
EFA200842	CTR200582	50%	97.5%	95.4%
EFA200842	CAC103770	61%	95.9%	97.6%
EFA200842	CBO100998	65%	95.9%	97.6%
EFA200842	CDF100554	64%	100%	99.2%
EFA200842	CDP100862	54%	98.4%	97.6%
EFA200842	EBC100455	60%	100%	100%
EFA200842	EFA200842	100%	100%	100%
EFA200842	EFM100721	87%	100%	100%
EFA200842	ECO103884	59%	100%	100%
EFA200842	HIN100622	63%	100%	100%
EFA200842	HPY101182	53%	100%	100%
EFA200842	KPN205542	57%	100%	100%
EFA200842	LMO102795	69%	100%	100%
EFA200842	MCA101002	60%	100%	100%
EFA200842	MAV102937	57%	98.4%	97.7%
EFA200842	MBV100917	56%	98.4%	97.7%
EFA200842	MLP101147	53%	98.4%	97.7%
EFA200842	MTU200649	56%	98.4%	97.7%
EFA200842	MGE100372	43%	98.4%	97.5%
EFA200842	MPN100303	44%	98.4%	97.5%
EFA200842	NGO101640	61%	100%	100%
EFA200842	NME200137	62%	100%	100%
EFA200842	PMU101738	55%	100%	100%
EFA200842	PRT100056	57%	100%	100%
EFA200842	PAE204269	65%	100%	100%
EFA200842	PPU104475	60%	100%	100%
EFA200842	PSY108092	68%	51.6%	98.4%
EFA200842	SPA107849	59%	100%	100%
EFA200842	STY102674	59%	100%	100%
EFA200842	STM107215	59%	100%	100%
EFA200842	SAU800540	64%	97.5%	98.4%
EFA200842	SEP201884	64%	97.5%	98.4%
EFA200842	SHA101634	63%	97.5%	98.4%
EFA200842	SMU100975	64%	100%	100%
EFA200842	SPN401210	68%	100%	96.1%
EFA200842	SPY200815	69%	100%	100%
EFA200842	TPA100237	52%	98.4%	97.7%
EFA200842	UUR100009	52%	95.9%	95.0%
EFA200842	VCH100322	65%	100%	100%
EFA200842	YPS005201	58%	95.9%	95.1%
EFA200894	BAN113200	65%	88.4%	99%
EFA200894	BAN103787	67%	94.2%	99.5%
EFA200894	CAC100985	55%	92.4%	79.0%
EFA200894	CBO102049	60%	88.4%	73.9%
EFA200894	CDF104297	57%	87.1%	70.7%
EFA200894	CDP101225	24%	74.6%	51.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200894	EFA200894	100%	100%	100%
EFA200894	LMO102016	70%	92.4%	93.2%
EFA200894	SAU801006	66%	90.2%	95.7%
EFA200894	SEP200232	64%	90.2%	95.7%
EFA200894	SHA100763	65%	90.2%	96.7%
EFA200894	SMU100221	64%	87.9%	89.1%
EFA200894	SPN401004	65%	89.7%	90.1%
EFA200894	SPY200855	64%	89.7%	90.1%
EFA200898	BAN108111	26%	40.4%	58.4%
EFA200898	BFR104427	29%	96.5%	98.4%
EFA200898	BPT102001	26%	98.2%	90.6%
EFA200898	BBU100379	30%	94.5%	95.8%
EFA200898	BFU108711	22%	25.8%	82%
EFA200898	BMA104773	26%	27.6%	77.3%
EFA200898	CPN200466	28%	88.5%	87.4%
EFA200898	CTR200459	27%	78.1%	74.5%
EFA200898	CAC103232	27%	49.4%	85.1%
EFA200898	CBO103653	29%	96.5%	96.9%
EFA200898	CDF103045	33%	96.2%	95.5%
EFA200898	CDP101052	28%	51.4%	51.9%
EFA200898	EBC100989	27%	89.8%	84.9%
EFA200898	EFA200898	100%	100%	100%
EFA200898	KPN301564	27%	91.4%	91.0%
EFA200898	MAV107258	23%	33.6%	47.1%
EFA200898	MAV107193	24%	52.3%	55.2%
EFA200898	MBV102187	31%	88.1%	90.4%
EFA200898	MTU200361	31%	88.1%	90.4%
EFA200898	NGO100524	29%	94.5%	88.2%
EFA200898	NME200413	30%	94.5%	88.2%
EFA200898	PRT101978	26%	94.9%	88.1%
EFA200898	PAE200912	25%	94.7%	89.2%
EFA200898	PPU101059	25%	96.2%	90.8%
EFA200898	PSY103108	25%	94.7%	91.5%
EFA200898	SAU801009	47%	99.8%	98.9%
EFA200898	SEP200235	48%	95.8%	94.4%
EFA200898	SHA100766	48%	96.9%	95.4%
EFA200898	TPA100907	31%	89.8%	93.8%
EFA200898	UUR100007	26%	80.1%	73.7%
EFA200898	VCH102497	27%	96.2%	96.0%
EFA200898	YPS003101	24%	97.6%	89.6%
EFA200916	BBU100585	20%	93.3%	93.1%
EFA200916	EFA200916	100%	100%	100%
EFA200916	ECO101716	26%	21.4%	23.9%
EFA200916	SMU101553	46%	100%	99.3%
EFA200916	SPN400540	38%	100%	99.8%
EFA200916	SPY200920	44%	99.0%	97.3%
EFA200958	ABA105050	36%	94.6%	97.5%
EFA200958	BAN105743	46%	83.1%	98.0%
EFA200958	BAN103527	57%	98.0%	99.3%
EFA200958	BPT101774	37%	95.6%	97.9%
EFA200958	BCE105719	38%	94.9%	94.0%
EFA200958	BFU103415	37%	95.6%	91.7%
EFA200958	BMA101496	38%	94.9%	95.6%
EFA200958	CAC100640	49%	94.9%	95.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA200958	CBO103526	48%	94.9%	95.9%
EFA200958	CDF101175	44%	96.3%	100%
EFA200958	CDP100284	40%	93.9%	94.2%
EFA200958	EBC104047	39%	95.9%	98.9%
EFA200958	EFA200958	100%	100%	100%
EFA200958	EFM102057	72%	17.3%	100%
EFA200958	ECO103135	39%	95.9%	98.9%
EFA200958	HIN101120	38%	98.3%	99.7%
EFA200958	KPN301883	38%	95.9%	98.9%
EFA200958	LMO101258	63%	97.3%	98.3%
EFA200958	MCA100868	38%	94.6%	95.6%
EFA200958	MAV100819	46%	94.9%	91.6%
EFA200958	MBV102154	44%	94.9%	93.4%
EFA200958	MLP100349	45%	94.9%	94.3%
EFA200958	MTU201402	44%	94.9%	93.4%
EFA200958	NGO101945	40%	94.6%	97.2%
EFA200958	NME200872	40%	94.6%	97.2%
EFA200958	PMU100169	40%	96.9%	98.6%
EFA200958	PRT101284	39%	95.9%	99.3%
EFA200958	PAE204463	40%	94.9%	99.0%
EFA200958	PPU103901	40%	94.9%	99.6%
EFA200958	PSY104751	40%	94.9%	99.3%
EFA200958	SPA101395	39%	95.9%	99.3%
EFA200958	STY101515	39%	95.9%	98.9%
EFA200958	STM101784	39%	95.9%	98.9%
EFA200958	SAU800765	50%	94.6%	93.4%
EFA200958	SEP201405	49%	94.6%	93.7%
EFA200958	SHA100647	48%	94.6%	94.6%
EFA200958	SMU100310	58%	99.3%	99.0%
EFA200958	SPN401423	58%	99.3%	99.0%
EFA200958	SPY200470	57%	99.3%	99.0%
EFA200958	VCH102495	39%	96.6%	99.7%
EFA200958	YPS002374	38%	96.3%	99.3%
EFA201009	ABA100755	39%	98.5%	92.7%
EFA201009	BAN102923	61%	97.6%	99.4%
EFA201009	BAN106149	63%	97.6%	97.6%
EFA201009	BFR12283	29%	90%	94.7%
EFA201009	BPT100880	37%	97.4%	96.6%
EFA201009	BBU100367	29%	90.9%	91.7%
EFA201009	BCE108622	30%	19.1%	84.4%
EFA201009	BCE112887	39%	97.1%	99.7%
EFA201009	BFU102699	39%	97.1%	97.6%
EFA201009	BMA100059	39%	84.4%	92.9%
EFA201009	CJU101121	31%	95%	98.0%
EFA201009	CPN200995	35%	97.9%	99.4%
EFA201009	CTR200087	34%	97.9%	99.4%
EFA201009	CAC100593	47%	97.6%	99.1%
EFA201009	CBO102206	48%	97.9%	97.3%
EFA201009	CDF103877	49%	97.9%	96.2%
EFA201009	CDP100269	43%	97.1%	97.6%
EFA201009	EBC103199	42%	96.8%	96.8%
EFA201009	EFA201009	100%	100%	100%
EFA201009	EFM202201	83%	99.4%	95.2%
EFA201009	ECO103530	42%	96.8%	96.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201009	HIN100585	42%	96.8%	97.9%
EFA201009	HPY100945	31%	95.6%	99.4%
EFA201009	KPN303398	41%	96.8%	96.8%
EFA201009	LPN100608	38%	97.6%	99.4%
EFA201009	LMO101105	58%	98.2%	98.8%
EFA201009	MCA100182	37%	97.9%	74.4%
EFA201009	MAV101851	38%	95%	93.8%
EFA201009	MBV102040	43%	96.8%	97.9%
EFA201009	MLP101025	40%	96.8%	96.3%
EFA201009	MTU202944	43%	96.8%	97.9%
EFA201009	NGO101070	39%	97.1%	99.7%
EFA201009	NME200349	39%	97.1%	99.7%
EFA201009	PMU101431	41%	96.8%	97.3%
EFA201009	PRT100958	41%	99.4%	100%
EFA201009	PAE201613	39%	98.5%	97.4%
EFA201009	PPU100025	40%	98.5%	97.1%
EFA201009	PSY106919	39%	98.5%	97.1%
EFA201009	SPA102938	41%	96.8%	96.8%
EFA201009	STY100361	41%	96.8%	96.8%
EFA201009	SAU801474	53%	97.1%	99.4%
EFA201009	SEP200460	54%	97.4%	99.7%
EFA201009	SHA101410	52%	97.1%	99.4%
EFA201009	SMU100645	62%	99.1%	99.4%
EFA201009	SPN401899	66%	98.8%	99.4%
EFA201009	SPY200164	63%	98.5%	99.1%
EFA201009	TPA100999	33%	94.7%	98.6%
EFA201009	UUR100385	27%	91.5%	95.4%
EFA201009	VCH102614	41%	97.1%	95.6%
EFA201009	YPS001566	43%	96.8%	96.8%
EFA201025	BAN101717	33%	70.4%	84.3%
EFA201025	BAN104028	48%	82.0%	96.7%
EFA201025	CAC101539	30%	82.0%	98.3%
EFA201025	CBO100610	30%	81.8%	98.3%
EFA201025	CDF100046	29%	81.8%	97.3%
EFA201025	CDP100495	31%	36.5%	38.9%
EFA201025	EBC101306	30%	65.7%	77.6%
EFA201025	EFA201025	100%	100%	100%
EFA201025	EFM100281	81%	73.5%	100%
EFA201025	ECO102045	27%	78.2%	90.6%
EFA201025	KPN304484	27%	73.8%	86.6%
EFA201025	LPN102533	26%	79.6%	96.7%
EFA201025	LMO101117	59%	84.0%	96.5%
EFA201025	MTU303433	30%	31.8%	36.8%
EFA201025	PRT102330	29%	65.7%	78.1%
EFA201025	PAE203021	30%	73.5%	85.1%
EFA201025	PPU103228	25%	73.5%	85.8%
EFA201025	PSY100248	30%	35.6%	92.6%
EFA201025	PSY102861	26%	82.0%	95.1%
EFA201025	SPA100769	25%	73.8%	86.9%
EFA201025	STM103922	26%	73.8%	87.0%
EFA201025	SAU801898	50%	84.8%	95.6%
EFA201025	SEP200546	50%	86.5%	97.2%
EFA201025	SHA101107	48%	90.6%	96.7%
EFA201025	SMU101024	59%	96.1%	96.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201025	SPY200551	61%	95.6%	97.6%
EFA201025	YPS003168	30%	73.5%	86.1%
EFA201028	ABA101192	49%	98.5%	96.9%
EFA201028	BAN113289	53%	97.1%	97.1%
EFA201028	BAN103118	72%	100%	100%
EFA201028	BPT102505	47%	99.4%	99.8%
EFA201028	BBU100340	40%	99.6%	99.6%
EFA201028	BCE113424	47%	75%	94.5%
EFA201028	BFU106894	46%	99.2%	98.6%
EFA201028	BMA107258	47%	98.9%	99.2%
EFA201028	CJU101122	45%	98.9%	99.6%
EFA201028	CPN200756	42%	99.6%	98.6%
EFA201028	CTR200267	41%	98.1%	97.1%
EFA201028	CAC103172	51%	100%	100%
EFA201028	CBO100777	54%	99.8%	99.8%
EFA201028	CDP100169	44%	99.2%	96.6%
EFA201028	EFA201028	100%	100%	100%
EFA201028	EFM100482	93%	22.9%	100%
EFA201028	HPY100650	45%	99.4%	99.6%
EFA201028	LPN102938	39%	99.4%	99.8%
EFA201028	LMO100253	77%	100%	100%
EFA201028	MCA100584	47%	98.5%	97.1%
EFA201028	MAV106350	41%	98.1%	95.0%
EFA201028	MBV101310	40%	98.5%	94.3%
EFA201028	MLP101041	39%	98.1%	93.9%
EFA201028	MTU202971	40%	98.5%	94.3%
EFA201028	MGE100102	34%	98.9%	98.5%
EFA201028	MPN100593	36%	98.9%	98.3%
EFA201028	NGO101113	46%	99.6%	100%
EFA201028	NME201429	46%	99.6%	100%
EFA201028	PAE204482	45%	99.4%	99.6%
EFA201028	PPU103969	45%	99.4%	99.6%
EFA201028	PSY104801	46%	99.4%	94.9%
EFA201028	STM101344	53%	5.9%	6.5%
EFA201028	SAU801899	72%	100%	100%
EFA201028	SEP200547	71%	100%	100%
EFA201028	SHA101106	71%	100%	100%
EFA201028	SMU101137	73%	99.8%	99.4%
EFA201028	SPN400393	68%	99.8%	99.2%
EFA201028	SPY201364	68%	99.8%	99.4%
EFA201028	TPA101011	37%	99.4%	94.9%
EFA201028	UUR100550	35%	99.6%	99.6%
EFA201041	ABA101195	48%	99.8%	99.8%
EFA201041	BAN102336	50%	97.8%	99.6%
EFA201041	BAN100349	65%	97.8%	99.0%
EFA201041	BPT102507	45%	97.1%	96.9%
EFA201041	BBU100341	38%	92.8%	91.9%
EFA201041	BCE103922	50%	98.0%	99.4%
EFA201041	BFU106893	51%	98.0%	99.4%
EFA201041	BMA103667	52%	98.0%	99.4%
EFA201041	CJU100987	47%	91.2%	95.1%
EFA201041	CPN200757	45%	99.0%	99.6%
EFA201041	CTR200266	45%	99.0%	98.6%
EFA201041	CAC102417	52%	97.8%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201041	CBO102412	54%	95.7%	96.9%
EFA201041	CDP100148	48%	95.1%	96.4%
EFA201041	EBC101332	32%	96.5%	97.2%
EFA201041	EFA201041	100%	100%	100%
EFA201041	EFM100481	85%	98.6%	100%
EFA201041	HPY100817	47%	91.8%	98.2%
EFA201041	KPN302436	32%	95.9%	96.6%
EFA201041	LPN101348	47%	97.1%	98.3%
EFA201041	LMO101334	67%	98.0%	99.2%
EFA201041	MCA100258	49%	97.8%	98.4%
EFA201041	MAV101410	47%	96.9%	98.4%
EFA201041	MBV100289	47%	93.3%	94.7%
EFA201041	MLP101043	47%	93.9%	94.6%
EFA201041	MTU202973	47%	93.3%	94.7%
EFA201041	MGE100101	29%	97.8%	98.1%
EFA201041	MPN100594	32%	83.0%	86.4%
EFA201041	NGO101120	47%	97.1%	99.0%
EFA201041	NME201427	48%	97.1%	99.0%
EFA201041	PAE204481	51%	98.0%	99.2%
EFA201041	PPU101392	50%	98.0%	99.4%
EFA201041	PSY105880	48%	98.0%	99.4%
EFA201041	SAU801900	61%	96.5%	97.7%
EFA201041	SEP200550	62%	96.5%	97.7%
EFA201041	SHA100413	62%	75.9%	97.1%
EFA201041	SMU101138	69%	98.8%	99.0%
EFA201041	SPN400394	68%	99.0%	99.2%
EFA201041	SPY201365	69%	98.6%	98.8%
EFA201041	TPA101010	44%	84.3%	83.4%
EFA201041	UUR100551	30%	94.9%	97.3%
EFA201041	YPS002788	32%	95.3%	95.9%
EFA201047	ABA100577	42%	98.4%	98.8%
EFA201047	BAN102650	43%	96.6%	99.9%
EFA201047	BAN110615	59%	97.1%	99.1%
EFA201047	BFR102809	41%	96.0%	98.6%
EFA201047	BPT100689	42%	94.9%	96.7%
EFA201047	BBU100551	31%	96.2%	98.5%
EFA201047	BCE104345	47%	96.9%	97.5%
EFA201047	BFU101944	47%	97.9%	98.5%
EFA201047	BMA104881	46%	96.6%	97.3%
EFA201047	CJU100547	37%	94.1%	96.6%
EFA201047	CPN200612	40%	95.9%	97.7%
EFA201047	CTR200416	39%	95.6%	97.6%
EFA201047	CAC101086	38%	96.5%	99.1%
EFA201047	CAC101820	39%	95.7%	97.5%
EFA201047	CBO101063	39%	95.7%	98.2%
EFA201047	CDF103325	47%	96.5%	96.8%
EFA201047	CDP100142	38%	96.0%	97.3%
EFA201047	EBC101052	44%	96.0%	98.7%
EFA201047	EFA201047	100%	100%	100%
EFA201047	EFM100886	71%	31.4%	100%
EFA201047	ECO102362	45%	96.0%	98.4%
EFA201047	HIN101074	45%	96.9%	97.9%
EFA201047	HPY100608	38%	95.3%	97.3%
EFA201047	KPN300317	39%	24.0%	92.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201047	KPN301038	45%	96.0%	98.4%
EFA201047	LPN101707	43%	95.7%	97.8%
EFA201047	LMO102553	60%	96.5%	98.1%
EFA201047	MCA101464	43%	95.5%	94.5%
EFA201047	MAV101428	41%	95.2%	95.1%
EFA201047	MBV102830	40%	95.2%	95.4%
EFA201047	MLP101046	39%	95.2%	95.0%
EFA201047	MTU202976	40%	95.2%	95.4%
EFA201047	MGE100258	37%	95.5%	98.5%
EFA201047	MPN100479	39%	96.0%	99.2%
EFA201047	NGO100904	42%	96.5%	99.1%
EFA201047	NME200800	43%	96.9%	96.9%
EFA201047	PMU101716	45%	95.2%	97.0%
EFA201047	PRT102270	46%	96.5%	98.4%
EFA201047	PAE201528	44%	97.2%	98.6%
EFA201047	PPU107257	44%	96.9%	98.8%
EFA201047	PSY103902	41%	87.8%	97.9%
EFA201047	SPA103528	44%	96.0%	98.5%
EFA201047	STY101179	45%	96.3%	98.7%
EFA201047	SAU801904	56%	96.5%	98.4%
EFA201047	SEP200563	56%	96.2%	98.3%
EFA201047	SHA100321	56%	95.6%	99.7%
EFA201047	SMU101026	56%	95.5%	98.6%
EFA201047	SPN401024	56%	95.5%	98.6%
EFA201047	SPY200550	55%	95.5%	98.6%
EFA201047	TPA100627	28%	97.5%	78.1%
EFA201047	UUR100120	40%	95.0%	97.3%
EFA201047	VCH100955	44%	96.5%	99.0%
EFA201047	YPS000606	45%	96.0%	98.4%
EFA201084	ABA102248	39%	98.4%	57.7%
EFA201084	BAN113590	48%	99.3%	99.8%
EFA201084	BAN102128	63%	99.3%	99.6%
EFA201084	BPT101969	38%	97.4%	93.1%
EFA201084	BBU100557	36%	98.8%	97.9%
EFA201084	BCE105897	39%	94.4%	91.4%
EFA201084	BFU102716	39%	94.4%	91.5%
EFA201084	BMA107198	39%	94.4%	92.3%
EFA201084	CPN200725	25%	97.7%	96.1%
EFA201084	CTR200605	27%	97.0%	95.8%
EFA201084	CAC102388	51%	93.6%	99.3%
EFA201084	CBO103848	54%	93.6%	99.3%
EFA201084	CDF100789	55%	98.6%	98.8%
EFA201084	CDP100363	32%	96.3%	95.4%
EFA201084	EBC101637	49%	99.1%	99.6%
EFA201084	EFA201084	100%	100%	100%
EFA201084	EFM201634	93%	44.5%	99.2%
EFA201084	ECO102367	49%	99.1%	98.8%
EFA201084	HIN101677	50%	99.1%	98.8%
EFA201084	HPY100119	26%	66.1%	48.4%
EFA201084	KPN300705	49%	99.1%	98.8%
EFA201084	LPN100853	34%	93.6%	70.0%
EFA201084	LMO101249	69%	99.8%	99.7%
EFA201084	MCA100687	27%	65.7%	49.2%
EFA201084	MGE100439	45%	99.0%	98.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201084	MPN100215	48%	99.3%	98.4%
EFA201084	NGO101819	38%	94.1%	92.2%
EFA201084	NME200366	36%	99.5%	97.3%
EFA201084	PMU100897	49%	99.1%	98.8%
EFA201084	PRT102260	49%	99.5%	99.1%
EFA201084	PAE203560	39%	99.0%	57.7%
EFA201084	PPU109910	38%	99.0%	58%
EFA201084	PSY105138	39%	98.8%	57.7%
EFA201084	SPA101201	41%	99.1%	98.8%
EFA201084	STY104022	31%	96.3%	73.5%
EFA201084	STM101237	49%	99.1%	98.8%
EFA201084	SAU801084	63%	100%	100%
EFA201084	SEP200784	64%	100%	100%
EFA201084	SHA101356	65%	93.4%	100%
EFA201084	SMU100862	77%	99.7%	99.3%
EFA201084	SPN401062	78%	99.7%	99.3%
EFA201084	SPY201054	76%	99.7%	99.3%
EFA201084	VCH100949	48%	99.1%	99.1%
EFA201084	YPS000626	49%	99.3%	99.7%
EFA201087	ABA104415	31%	76.1%	75.3%
EFA201087	BAN108284	62%	97.7%	98.9%
EFA201087	BAN113302	63%	97.7%	98.9%
EFA201087	BPT101967	38%	87.5%	65.3%
EFA201087	BBU100556	36%	94.3%	100%
EFA201087	BCE109463	43%	92.0%	91.0%
EFA201087	BFU102715	41%	92.0%	91.0%
EFA201087	BMA101428	41%	92.0%	91.0%
EFA201087	CPN200726	39%	60.2%	49.1%
EFA201087	CTR200606	29%	84.1%	71.2%
EFA201087	CAC100614	46%	93.2%	95.3%
EFA201087	CBO101012	43%	93.2%	96.6%
EFA201087	CDF100787	43%	90.9%	93.0%
EFA201087	CDP100378	31%	89.8%	93.2%
EFA201087	EFA201087	100%	100%	100%
EFA201087	EFM100206	89%	100%	100%
EFA201087	HIN101678	37%	93.2%	100%
EFA201087	KPN300336	42%	95.5%	33.0%
EFA201087	LPN103186	41%	92.0%	91.0%
EFA201087	LMO101585	63%	100%	100%
EFA201087	MGE100041	46%	94.3%	95.5%
EFA201087	MPN100101	40%	94.3%	95.5%
EFA201087	NGO102690	38%	92.0%	91.0%
EFA201087	NME200365	39%	92.0%	91.0%
EFA201087	PMU100898	37%	93.2%	100%
EFA201087	PRT102262	40%	92.0%	95.3%
EFA201087	PPU103902	34%	92.0%	91.1%
EFA201087	PSY104754	34%	95.5%	94.4%
EFA201087	SPA100416	41%	95.5%	29.7%
EFA201087	STM101235	37%	92.0%	95.3%
EFA201087	SAU801083	64%	100%	100%
EFA201087	SEP200782	67%	100%	100%
EFA201087	SHA101355	68%	100%	100%
EFA201087	SMU103189	79%	98.9%	100%
EFA201087	SPN401063	79%	98.9%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201087	SPY201055	78%	98.9%	100%
EFA201087	TPA100582	42%	95.5%	95.5%
EFA201087	UUR100594	33%	97.7%	98.9%
EFA201087	VCH100950	34%	94.3%	97.6%
EFA201122	BCE109468	25%	26.3%	37.7%
EFA201122	CBO103578	59%	95.6%	97.2%
EFA201122	CDF103357	56%	96.0%	70.4%
EFA201122	EFA201122	100%	100%	100%
EFA201122	EFM200703	44%	95.3%	70.6%
EFA201122	KPN301965	58%	95.6%	99.3%
EFA201122	SPA103916	57%	95.6%	99.3%
EFA201122	STY100944	58%	95.6%	93.9%
EFA201122	STM101392	58%	95.6%	93.9%
EFA201122	SMU101447	69%	98.3%	99.4%
EFA201124	CBO101731	41%	98.7%	94.7%
EFA201124	EBC102987	29%	96.8%	97.1%
EFA201124	EFA201124	100%	100%	100%
EFA201124	ECO102127	32%	98.4%	97.8%
EFA201124	KPN300446	44%	36.0%	88.6%
EFA201124	KPN301962	37%	98.1%	98.7%
EFA201124	SPA103914	38%	98.7%	99.3%
EFA201124	STY100943	37%	98.7%	99.3%
EFA201124	STM101389	37%	98.7%	99.3%
EFA201124	SMU101446	56%	99.4%	99.0%
EFA201124	YPS001092	33%	93.8%	93.3%
EFA201155	ABA100567	46%	97.7%	99.8%
EFA201155	BAN113732	60%	71.0%	100%
EFA201155	BAN108180	68%	73.1%	100%
EFA201155	BFR10168	50%	81.1%	99.0%
EFA201155	BPT101335	47%	94.7%	97.9%
EFA201155	BBU100693	40%	91.9%	97.1%
EFA201155	BCE112884	46%	68.2%	99.1%
EFA201155	BFU115323	47%	93.9%	99.1%
EFA201155	BMA100755	46%	95.8%	99.3%
EFA201155	CJU100659	42%	93.6%	98.2%
EFA201155	CPN200646	39%	91.3%	96.2%
EFA201155	CTR200289	40%	94.1%	98.9%
EFA201155	CAC101092	55%	93.2%	98.4%
EFA201155	CBO101744	58%	95.8%	99.6%
EFA201155	CDF103672	59%	77.5%	95.1%
EFA201155	CDP101160	50%	100%	89.6%
EFA201155	EBC100407	51%	73.9%	94.6%
EFA201155	EFA201155	100%	100%	100%
EFA201155	EFM202293	90%	82.2%	99.7%
EFA201155	ECO102557	50%	95.1%	99.8%
EFA201155	HIN100105	50%	94.9%	97.6%
EFA201155	HPY101135	41%	90.9%	94.4%
EFA201155	KPN301264	51%	73.9%	94.4%
EFA201155	LPN101209	46%	96.4%	98.5%
EFA201155	LMO100196	62%	96.2%	97.8%
EFA201155	MCA100840	46%	95.6%	99.1%
EFA201155	MAV103395	50%	99.4%	89.6%
EFA201155	MBV102321	50%	95.8%	87.6%
EFA201155	MLP100989	48%	99.4%	88.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201155	MTU202878	50%	95.8%	87.6%
EFA201155	MGE100048	39%	90.5%	95.3%
EFA201155	MPN100093	40%	94.9%	98.7%
EFA201155	NGO101772	47%	95.3%	98.5%
EFA201155	NME202026	48%	95.3%	98.5%
EFA201155	PMU101183	51%	96.0%	99.1%
EFA201155	PRT100858	47%	95.1%	99.8%
EFA201155	PAE203743	49%	94.5%	99.1%
EFA201155	PPU107798	49%	95.3%	99.8%
EFA201155	PSY103783	48%	95.3%	99.8%
EFA201155	SPA101887	46%	74.4%	100%
EFA201155	STY102223	50%	95.1%	99.8%
EFA201155	STM103011	23%	19.9%	21.7%
EFA201155	SAU801237	58%	97.9%	98.7%
EFA201155	SEP201530	58%	97.9%	98.7%
EFA201155	SMU100253	65%	100%	99.2%
EFA201155	SPN401165	64%	100%	99.6%
EFA201155	SPY200915	64%	100%	99.6%
EFA201155	TPA100412	43%	90.5%	95.1%
EFA201155	UUR100090	43%	89.6%	94.2%
EFA201155	VCH100550	49%	95.6%	98.5%
EFA201155	YPS003448	50%	95.1%	99.8%
EFA201163	ABA100463	48%	81.3%	91.6%
EFA201163	BFR103669	58%	100%	42.9%
EFA201163	BPT101149	44%	79.1%	86.0%
EFA201163	BBU100694	54%	93.4%	98.8%
EFA201163	BCE101287	50%	81.3%	89.3%
EFA201163	BFU106133	50%	81.3%	68.2%
EFA201163	BMA105933	50%	81.3%	89.3%
EFA201163	CJU100660	51%	79.1%	96%
EFA201163	CPN200645	39%	83.5%	63.0%
EFA201163	CTR200290	35%	100%	79.3%
EFA201163	CAC102507	62%	87.9%	98.8%
EFA201163	CBO102241	60%	90.1%	96.5%
EFA201163	CDF104187	55%	98.9%	96.8%
EFA201163	CDP101155	43%	90.1%	52.2%
EFA201163	EFA201163	100%	100%	100%
EFA201163	ECO102556	47%	81.3%	92.7%
EFA201163	HIN100194	52%	81.3%	92.7%
EFA201163	HPY101134	45%	79.1%	94.7%
EFA201163	KPN203248	50%	74.7%	95.9%
EFA201163	LPN102433	47%	81.3%	88.4%
EFA201163	LMO101675	71%	95.6%	96.7%
EFA201163	MCA100471	51%	79.1%	90.2%
EFA201163	MAV103402	46%	90.1%	48.2%
EFA201163	MBV102277	43%	90.1%	50.6%
EFA201163	MLP100988	42%	90.1%	51.2%
EFA201163	MTU202871	43%	90.1%	50.6%
EFA201163	MGE100455	46%	91.2%	93.3%
EFA201163	MPN100182	45%	86.8%	89.8%
EFA201163	NGO102008	49%	82.4%	95.1%
EFA201163	NME200735	49%	82.4%	95.1%
EFA201163	PRT100822	54%	74.7%	72.9%
EFA201163	PAE203742	48%	79.1%	89.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201163	PPU107799	52%	81.3%	69.7%
EFA201163	PSY103786	43%	91.2%	92.9%
EFA201163	SPA101888	46%	81.3%	74.5%
EFA201163	STY102221	46%	81.3%	92.7%
EFA201163	SAU801238	65%	98.9%	100%
EFA201163	SEP201531	64%	98.9%	100%
EFA201163	SHA102521	80%	46.2%	82.4%
EFA201163	SMU100800	76%	100%	100%
EFA201163	SPN400682	80%	95.6%	96.7%
EFA201163	SPY200625	78%	95.6%	96.7%
EFA201163	TPA100895	56%	81.3%	61.0%
EFA201163	UUR100575	48%	97.8%	86.1%
EFA201163	VCH100551	52%	79.1%	90.2%
EFA201163	YPS003446	49%	82.4%	92.7%
EFA201165	BBU100695	39%	91.4%	90.2%
EFA201165	CJU100661	26%	91.4%	93.8%
EFA201165	CPN200025	43%	96.3%	100%
EFA201165	CTR200030	48%	93.8%	97.4%
EFA201165	CAC101280	38%	92.6%	100%
EFA201165	CBO100415	44%	92.6%	100%
EFA201165	CDF104379	48%	96.3%	100%
EFA201165	EFA201165	100%	100%	100%
EFA201165	HPY101133	28%	67.9%	48.7%
EFA201165	LMO100358	56%	93.8%	100%
EFA201165	MAV103400	28%	93.8%	91.2%
EFA201165	MBV102280	29%	96.3%	93.8%
EFA201165	MLP100987	27%	93.8%	91.2%
EFA201165	MTU202870	29%	96.3%	93.8%
EFA201165	SMU101983	53%	100%	97.5%
EFA201165	SPN400683	49%	100%	100%
EFA201165	SPY200626	53%	100%	100%
EFA201165	TPA100896	36%	92.6%	93.8%
EFA201204	ABA100431	36%	97.1%	98.7%
EFA201204	BAN104776	58%	98.4%	97.9%
EFA201204	BFU113278	34%	97.1%	89.7%
EFA201204	CTR200096	38%	95.5%	93.4%
EFA201204	CAC103133	47%	97.5%	97.5%
EFA201204	CBO100292	54%	96.7%	98.3%
EFA201204	CDF102819	53%	97.5%	97.9%
EFA201204	EBC102915	40%	95.5%	96.6%
EFA201204	EFA201204	100%	100%	100%
EFA201204	EFM200797	64%	98.0%	100%
EFA201204	ECO102142	41%	95.5%	98.3%
EFA201204	HIN101215	39%	96.7%	99.1%
EFA201204	KPN301779	41%	98.4%	97.9%
EFA201204	LMO101945	62%	98.0%	100%
EFA201204	MCA103178	36%	96.3%	99.6%
EFA201204	NGO100244	33%	92.6%	97.0%
EFA201204	NME201373	33%	92.6%	97.0%
EFA201204	PMU100003	39%	95.5%	97.8%
EFA201204	PRT101140	39%	96.7%	98.3%
EFA201204	PAE200732	38%	95.5%	98.7%
EFA201204	PPU103373	37%	95.5%	98.7%
EFA201204	SPA100233	41%	95.5%	98.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201204	STY104331	41%	95.5%	98.3%
EFA201204	SAU801753	47%	98.0%	100%
EFA201204	SEP202114	45%	97.1%	99.6%
EFA201204	SHA101326	48%	97.1%	99.6%
EFA201204	SPN400256	56%	97.1%	98.3%
EFA201204	SPY201026	53%	97.5%	97.1%
EFA201204	VCH101608	43%	96.7%	99.1%
EFA201204	YPS000335	40%	95.5%	96.6%
EFA201208	ABA100927	25%	89.2%	90.8%
EFA201208	BAN109007	28%	92.3%	97.5%
EFA201208	BAN102528	30%	79.3%	93.5%
EFA201208	BAN108968	31%	89.8%	94.1%
EFA201208	BAN109347	31%	92.3%	94.7%
EFA201208	BFR11372	28%	91.5%	94.8%
EFA201208	BBU100200	26%	86.8%	88.2%
EFA201208	BCE108649	27%	71.7%	92.6%
EFA201208	BFU100823	27%	87.8%	89.0%
EFA201208	BMA100072	29%	75.6%	75.7%
EFA201208	CJU101547	29%	81.7%	90.6%
EFA201208	CPN200331	32%	87.8%	90.9%
EFA201208	CTR200533	28%	82.3%	84.2%
EFA201208	CAC101131	27%	87.6%	91.3%
EFA201208	CAC103376	36%	91.9%	94.8%
EFA201208	CBO100064	33%	88.2%	91.7%
EFA201208	CDF102952	30%	88.8%	92.1%
EFA201208	CDP101281	29%	90.6%	95.5%
EFA201208	EBC102573	27%	82.7%	85.7%
EFA201208	EFA201208	100%	100%	100%
EFA201208	EFM201835	62%	99.6%	100%
EFA201208	ECO100085	27%	91.1%	94.7%
EFA201208	HIN101107	27%	91.7%	96.3%
EFA201208	HPY101473	28%	76.0%	83.9%
EFA201208	KPN301847	26%	82.7%	85.7%
EFA201208	LPN100418	39%	25.8%	79.6%
EFA201208	LMO101113	29%	88.2%	90.8%
EFA201208	MCA100819	27%	76.6%	73.7%
EFA201208	MAV104018	33%	79.5%	76.9%
EFA201208	MBV100072	32%	65.2%	74.5%
EFA201208	MLP100564	29%	83.3%	79.1%
EFA201208	MTU202124	32%	78.3%	73.6%
EFA201208	NGO100606	28%	81.3%	82.9%
EFA201208	NME201913	28%	81.3%	82.9%
EFA201208	PMU100137	26%	91.5%	95.1%
EFA201208	PRT102626	28%	89.8%	94.7%
EFA201208	PAE204415	28%	89.6%	93.0%
EFA201208	PPU105954	30%	88.4%	91.7%
EFA201208	PSY107311	29%	89.6%	93.0%
EFA201208	SPA102754	25%	89.0%	92.7%
EFA201208	STY103171	28%	89.0%	92.5%
EFA201208	STM102863	28%	89.0%	92.5%
EFA201208	SAU801018	27%	92.5%	94.5%
EFA201208	SEP200270	27%	92.1%	94.1%
EFA201208	SHA101090	27%	91.9%	93.9%
EFA201208	SMU100386	52%	90.9%	91.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201208	SPN401383	49%	98.8%	99.8%
EFA201208	SPY200283	50%	98.8%	99.8%
EFA201208	TPA100923	27%	86.8%	89.1%
EFA201208	VCH102371	26%	94.1%	93.2%
EFA201208	YPS000993	27%	88.6%	93.1%
EFA201312	ABA100914	31%	100%	95.4%
EFA201312	BAN112047	50%	93.8%	96.0%
EFA201312	BAN107884	51%	100%	100%
EFA201312	BFR11934	34%	99.0%	96.7%
EFA201312	BPT102002	31%	100%	92.9%
EFA201312	BBU100444	26%	92.4%	88.0%
EFA201312	BCE111090	32%	97.6%	92.3%
EFA201312	BFU111409	33%	100%	92.7%
EFA201312	BMA102172	32%	97.6%	92.3%
EFA201312	CJU100558	29%	99.0%	96.9%
EFA201312	CAC101944	58%	99.3%	99.7%
EFA201312	CBO101667	38%	99.3%	99.0%
EFA201312	CDF100408	37%	99.7%	99.6%
EFA201312	CDF101639	38%	100%	97.9%
EFA201312	CDP101376	28%	91.7%	91.3%
EFA201312	EBC103878	36%	99.7%	97.6%
EFA201312	EFA201312	100%	100%	100%
EFA201312	EFM201881	91%	59.5%	82.7%
EFA201312	ECO103069	37%	99.7%	99.0%
EFA201312	HIN100503	26%	96.5%	94.7%
EFA201312	HPY100173	36%	99.0%	99.3%
EFA201312	KPN306125	42%	99.0%	99.3%
EFA201312	LMO100774	51%	100%	100%
EFA201312	MCA100353	32%	100%	95.4%
EFA201312	MAV105904	30%	19.0%	17.6%
EFA201312	MBV102190	29%	92.0%	91.6%
EFA201312	MLP100198	29%	97.9%	96.2%
EFA201312	MTU200362	29%	92.0%	91.6%
EFA201312	MGE100023	51%	96.9%	97.2%
EFA201312	MPN100129	53%	99.3%	99.7%
EFA201312	NGO101574	32%	91.7%	86.2%
EFA201312	NME200544	32%	92.0%	86.4%
EFA201312	PMU101373	33%	100%	98.0%
EFA201312	PRT102752	37%	94.1%	94.0%
EFA201312	PAE200554	30%	100%	92.9%
EFA201312	PPU104672	31%	100%	94.3%
EFA201312	PSY100210	32%	100%	92.9%
EFA201312	SPA103912	38%	94.1%	94.0%
EFA201312	STY100942	38%	94.1%	94.0%
EFA201312	STM101386	38%	94.1%	94.0%
EFA201312	SAU802125	48%	100%	99.7%
EFA201312	SEP201915	48%	100%	99.7%
EFA201312	SHA101918	48%	100%	99.6%
EFA201312	SMU101408	69%	100%	100%
EFA201312	SPN400530	71%	100%	100%
EFA201312	SPY201455	70%	100%	100%
EFA201312	TPA100654	33%	99.3%	97.6%
EFA201312	UUR100603	50%	99.3%	98.6%
EFA201312	VCH100473	27%	95.5%	93.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201312	YPS000084	39%	99.7%	99.6%
EFA201375	ABA105021	27%	57.4%	76.1%
EFA201375	BAN112531	51%	72.1%	91.1%
EFA201375	BAN105862	50%	72.1%	93.6%
EFA201375	EFA201375	100%	100%	100%
EFA201375	EFM101838	71%	70.6%	100%
EFA201375	LMO102887	54%	72.1%	87.6%
EFA201375	SAU801446	40%	73.5%	96.5%
EFA201375	SEP200408	42%	73.5%	96.4%
EFA201375	SHA102651	40%	73.5%	96.4%
EFA201375	SMU101487	50%	77.9%	100%
EFA201375	SPN400332	46%	76.5%	91.2%
EFA201375	SPY201268	52%	77.9%	100%
EFA201379	ABA102299	53%	98.7%	98.5%
EFA201379	BAN109892	62%	98.7%	99.6%
EFA201379	BAN105788	76%	100%	100%
EFA201379	BFR11358	51%	98.7%	99.1%
EFA201379	BPT101706	51%	100%	99.3%
EFA201379	BBU100574	44%	98.5%	99.1%
EFA201379	BCE101396	52%	100%	99.3%
EFA201379	BFU102359	51%	100%	98.4%
EFA201379	BMA102378	51%	100%	99.1%
EFA201379	CJU100027	52%	98.7%	98.5%
EFA201379	CPN200516	48%	98.5%	97.8%
EFA201379	CTR200448	47%	98.5%	97.8%
EFA201379	CAC102177	62%	99.4%	99.4%
EFA201379	CBO103313	63%	99.3%	99.6%
EFA201379	EBC102296	54%	98.5%	98.0%
EFA201379	EFA201379	100%	100%	100%
EFA201379	EFM200622	90%	100%	100%
EFA201379	ECO102720	53%	98.5%	98.0%
EFA201379	HIN101052	55%	99.1%	98.5%
EFA201379	HPY100345	48%	98.7%	98.9%
EFA201379	KPN305112	54%	98.5%	92.9%
EFA201379	LPN101405	54%	100%	99.4%
EFA201379	LMO100139	73%	99.4%	100%
EFA201379	MCA101097	51%	99.6%	99.6%
EFA201379	MAV102050	54%	99.3%	92.8%
EFA201379	MBV105357	53%	92.7%	93.2%
EFA201379	MLP100845	53%	99.8%	92.2%
EFA201379	MTU201678	54%	99.3%	92.3%
EFA201379	NGO101273	51%	99.8%	100%
EFA201379	NME201601	51%	99.8%	100%
EFA201379	PMU101872	55%	99.4%	99.4%
EFA201379	PRT105301	56%	98.5%	98.0%
EFA201379	PAE203635	52%	98.9%	98.9%
EFA201379	PPU101175	53%	99.4%	99.4%
EFA201379	PSY108013	52%	99.6%	99.4%
EFA201379	SPA104183	52%	91.2%	100%
EFA201379	STY103510	54%	98.5%	98.0%
EFA201379	SAU802127	67%	100%	100%
EFA201379	SEP201917	67%	98.9%	99.1%
EFA201379	SHA101916	67%	98.7%	98.9%
EFA201379	SMU101407	78%	99.8%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201379	SPN400438	79%	99.1%	99.3%
EFA201379	SPY201457	78%	99.3%	99.6%
EFA201379	TPA100302	45%	99.4%	99.1%
EFA201379	UUR100286	41%	99.6%	98.0%
EFA201379	VCH102412	54%	98.5%	98.0%
EFA201379	YPS000130	54%	98.5%	98.0%
EFA201401	ABA103339	32%	63.1%	63.4%
EFA201401	BAN112582	58%	100%	98.0%
EFA201401	BAN103160	70%	100%	97.1%
EFA201401	BFR104214	34%	44.2%	82.7%
EFA201401	BPT100459	33%	60.9%	61.5%
EFA201401	BCE103325	33%	60.9%	61.1%
EFA201401	BFU107045	33%	60.9%	61.1%
EFA201401	BMA103602	34%	60.9%	61.1%
EFA201401	CAC102377	54%	98.3%	96.6%
EFA201401	CBO103048	55%	99.1%	97.5%
EFA201401	CDF100334	54%	99.6%	97.5%
EFA201401	EBC102483	34%	61.8%	62.0%
EFA201401	EFA201401	100%	100%	100%
EFA201401	EFM200481	60%	100%	100%
EFA201401	ECO100166	34%	61.8%	62.0%
EFA201401	HIN101600	33%	61.8%	56.1%
EFA201401	KPN304185	33%	61.8%	62.2%
EFA201401	LPN101240	31%	60.9%	60.9%
EFA201401	LMO101801	67%	100%	98.7%
EFA201401	MCA102141	33%	63.9%	64.1%
EFA201401	NGO101587	32%	72.1%	74.7%
EFA201401	NME201990	32%	72.1%	74.7%
EFA201401	PMU100658	33%	61.8%	62.0%
EFA201401	PRT101208	33%	61.8%	62.0%
EFA201401	PAE203850	32%	51.1%	58.5%
EFA201401	PSY104618	36%	52.8%	54.0%
EFA201401	SPA102652	33%	61.8%	62.3%
EFA201401	STY103844	34%	61.8%	62.0%
EFA201401	SAU801397	62%	100%	97.5%
EFA201401	SEP202107	61%	100%	97.1%
EFA201401	SHA100970	62%	100%	97.5%
EFA201401	SMU100640	61%	100%	97.8%
EFA201401	SPN401904	62%	100%	97.8%
EFA201401	VCH100907	45%	40.3%	66.4%
EFA201401	YPS001119	34%	61.8%	62.0%
EFA201433	ABA103721	36%	77.8%	78.9%
EFA201433	BAN108866	41%	90.5%	100%
EFA201433	BAN105656	48%	97.1%	98.9%
EFA201433	BAN100164	48%	91.6%	90.6%
EFA201433	BAN103658	58%	97.1%	98.9%
EFA201433	BFR102236	37%	94.9%	95.7%
EFA201433	BPT101248	21%	45.1%	52.0%
EFA201433	BBU100100	24%	71.3%	72.8%
EFA201433	BCE107277	34%	70.5%	92.3%
EFA201433	BFU109172	32%	84.7%	90.7%
EFA201433	BMA106607	32%	93.5%	88.6%
EFA201433	CJU101558	34%	91.3%	98%
EFA201433	CAC101362	35%	79.6%	85.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201433	CBO102188	33%	79.3%	83.5%
EFA201433	CDF101024	42%	96.4%	98.5%
EFA201433	CDP101353	45%	92.4%	95.1%
EFA201433	EBC101695	31%	77.8%	83.1%
EFA201433	EFA201433	100%	100%	100%
EFA201433	EFM201002	70%	98.5%	97.8%
EFA201433	ECO103873	30%	77.8%	74.7%
EFA201433	HIN101705	34%	76.7%	78.8%
EFA201433	HPY100542	35%	90.5%	98.4%
EFA201433	KPN308897	30%	74.9%	86.0%
EFA201433	LPN100405	38%	96.7%	95.0%
EFA201433	LMO101688	57%	96.4%	99.2%
EFA201433	MCA100045	32%	85.5%	83.9%
EFA201433	MAV103533	42%	90.9%	92%
EFA201433	MBV101876	40%	94.5%	95.6%
EFA201433	MLP100726	40%	94.5%	96.0%
EFA201433	MTU201321	40%	94.5%	95.6%
EFA201433	NGO101679	37%	97.5%	98.9%
EFA201433	NME201872	38%	97.5%	98.9%
EFA201433	PMU100917	32%	82.5%	84.8%
EFA201433	PRT105607	31%	77.1%	74.7%
EFA201433	PAE204659	34%	89.1%	91.7%
EFA201433	PPU109719	34%	88.7%	91.3%
EFA201433	PSY106535	37%	77.8%	77.8%
EFA201433	SPA103848	43%	16%	35.5%
EFA201433	STY102718	31%	77.8%	83.1%
EFA201433	STM102035	31%	77.8%	76.3%
EFA201433	SAU801151	50%	91.3%	94.4%
EFA201433	SEP200875	50%	91.6%	94.4%
EFA201433	SHA100464	49%	91.6%	94.7%
EFA201433	SMU100491	61%	90.5%	93.9%
EFA201433	SPN401694	58%	90.5%	93.9%
EFA201433	SPY200261	59%	90.5%	93.9%
EFA201433	TPA100402	27%	72.4%	75%
EFA201433	VCH100156	33%	93.5%	91.7%
EFA201433	YPS001748	31%	77.1%	74.6%
EFA201457	ABA102495	35%	90.6%	100%
EFA201457	BAN109820	36%	78.7%	80.6%
EFA201457	BAN101919	46%	100%	99.9%
EFA201457	BFR11118	37%	100%	100%
EFA201457	BPT100285	31%	99.3%	99.1%
EFA201457	BBU100513	23%	36.1%	48.8%
EFA201457	BCE101979	32%	97.4%	97.4%
EFA201457	BFU107151	28%	43.4%	99.2%
EFA201457	BMA101914	31%	99.3%	99.1%
EFA201457	CJU100827	27%	98.9%	99.0%
EFA201457	CPN200152	27%	95.5%	95.1%
EFA201457	CTR200749	29%	98.1%	97.7%
EFA201457	CAC101148	34%	100%	100%
EFA201457	CBO103321	37%	100%	99.9%
EFA201457	CDF100484	38%	32.8%	100%
EFA201457	CDF103760	35%	100%	99.7%
EFA201457	CDP100987	31%	97.4%	97.4%
EFA201457	EBC102988	36%	72.2%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201457	EFA201457	100%	100%	100%
EFA201457	EFM200867	72%	100%	100%
EFA201457	ECO101681	35%	100%	99.9%
EFA201457	HIN101278	36%	100%	99.9%
EFA201457	HPY100398	26%	100%	99.9%
EFA201457	KPN301695	35%	100%	99.9%
EFA201457	LPN100643	33%	100%	99.9%
EFA201457	LMO101759	47%	100%	100%
EFA201457	MCA100197	35%	100%	99.9%
EFA201457	MAV106542	29%	100%	99.9%
EFA201457	MBV101271	29%	74.3%	93.7%
EFA201457	MLP100870	28%	99.3%	99.0%
EFA201457	MTU201629	28%	99.3%	99.2%
EFA201457	MGE100197	23%	89.6%	89.6%
EFA201457	MPN100048	24%	98.9%	99.8%
EFA201457	NGO101903	36%	98.4%	98.3%
EFA201457	NME200861	35%	98.4%	98.3%
EFA201457	PMU100629	36%	100%	99.9%
EFA201457	PRT101304	34%	100%	99.9%
EFA201457	PAE202737	34%	100%	99.9%
EFA201457	PPU103715	33%	100%	99.9%
EFA201457	PSY100068	32%	100%	99.9%
EFA201457	SPA100516	35%	77.3%	98.9%
EFA201457	STY101114	35%	100%	99.9%
EFA201457	STM103450	35%	100%	99.9%
EFA201457	SAU801139	45%	99.6%	99.8%
EFA201457	SEP200864	45%	100%	100%
EFA201457	SHA100442	48%	62.5%	94.9%
EFA201457	SMU100476	60%	5.7%	100%
EFA201457	SMU100483	56%	100%	100%
EFA201457	SPN400509	57%	100%	100%
EFA201457	SPY200565	55%	100%	100%
EFA201457	TPA100014	25%	38.5%	49.5%
EFA201457	UUR100462	23%	92.2%	93.0%
EFA201457	VCH101201	34%	98.9%	98.7%
EFA201457	YPS003055	34%	100%	99.9%
EFA201460	ABA105548	22%	68.7%	69.3%
EFA201460	BAN111196	33%	97.8%	99.9%
EFA201460	BAN105909	37%	98.7%	99.9%
EFA201460	BBU100632	22%	67.9%	69.1%
EFA201460	BMA105524	21%	93.2%	91.2%
EFA201460	CTR200007	23%	94.9%	95.4%
EFA201460	CAC103739	31%	97.7%	99.4%
EFA201460	CBO101540	33%	97.2%	99.1%
EFA201460	CDF102097	31%	97.1%	99.2%
EFA201460	EBC102605	22%	18.9%	17.3%
EFA201460	EFA201460	100%	100%	100%
EFA201460	EFM200194	56%	98.3%	99.6%
EFA201460	ECO102757	21%	67.3%	66.9%
EFA201460	KPN305144	22%	21.4%	21.4%
EFA201460	LPN101834	24%	22.1%	34.4%
EFA201460	LMO102657	38%	98.8%	99.7%
EFA201460	PRT102297	21%	67.3%	65.6%
EFA201460	PAE204282	22%	67.7%	67.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201460	PPU101093	22%	67.7%	67.2%
EFA201460	PSY102740	23%	67.7%	67.4%
EFA201460	SAU800967	32%	98.2%	99.8%
EFA201460	SEP200182	32%	98.3%	99.3%
EFA201460	SHA101673	32%	97.1%	98.0%
EFA201460	SMU100467	32%	97.1%	97.0%
EFA201460	SPN401040	33%	96.9%	96.9%
EFA201460	SPY200572	30%	97.7%	97.6%
EFA201506	BAN101235	49%	100%	100%
EFA201506	BAN102202	70%	100%	98.8%
EFA201506	BFR11955	43%	100%	100%
EFA201506	BBU100503	43%	99.2%	99.8%
EFA201506	CJU101134	44%	99.8%	100%
EFA201506	CAC102280	58%	99.2%	98.8%
EFA201506	CBO100216	48%	45.2%	99.1%
EFA201506	CDF100051	80%	21.8%	93.4%
EFA201506	CDF100869	59%	99.4%	97.7%
EFA201506	EFA201506	100%	100%	100%
EFA201506	EFM100483	88%	97.9%	100%
EFA201506	ECO201319	29%	18.0%	31.4%
EFA201506	ECO201260	31%	15.8%	35.8%
EFA201506	HPY100747	38%	84.4%	93.5%
EFA201506	LMO101581	73%	100%	99.6%
EFA201506	MGE100132	29%	46.3%	49.8%
EFA201506	MPN100564	24%	68.3%	70.4%
EFA201506	PSY102419	23%	25.1%	40.5%
EFA201506	SAU801286	65%	99.8%	99.6%
EFA201506	SEP201589	64%	99.8%	99.6%
EFA201506	SHA101288	65%	99.8%	99.6%
EFA201506	SMU101495	61%	99.8%	100%
EFA201506	SPN401582	59%	99.8%	99.6%
EFA201506	SPY201258	60%	99.8%	100%
EFA201506	TPA101008	47%	100%	100%
EFA201506	UUR100083	32%	84.6%	92.2%
EFA201507	BAN112473	63%	37.7%	100%
EFA201507	BAN113311	51%	58.5%	100%
EFA201507	BAN107300	64%	100%	100%
EFA201507	BBU100504	38%	96.6%	97.7%
EFA201507	EFA201507	100%	100%	100%
EFA201507	EFM201335	81%	100%	100%
EFA201507	LMO102094	66%	99.2%	98.9%
EFA201507	MGE100250	37%	98.1%	94.0%
EFA201507	MPN100487	36%	98.9%	94.7%
EFA201507	SAU801288	59%	99.2%	98.9%
EFA201507	SEP201596	58%	99.6%	99.6%
EFA201507	SHA101290	58%	100%	100%
EFA201507	UUR100505	38%	97.7%	99.6%
EFA201512	ABA100157	49%	95.7%	100%
EFA201512	BAN112499	75%	46.1%	97.4%
EFA201512	BAN106136	50%	97.2%	99.4%
EFA201512	BAN101660	70%	98.5%	99.7%
EFA201512	BFR10407	48%	94.1%	95.8%
EFA201512	BPT100617	54%	95.0%	97.2%
EFA201512	BBU100543	29%	87.6%	76.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201512	BCE112713	54%	98.5%	99.1%
EFA201512	BFU100079	55%	95.7%	97.2%
EFA201512	BMA100055	56%	95.7%	97.2%
EFA201512	CJU100848	52%	95.4%	98.4%
EFA201512	CAC100050	58%	96.0%	97.2%
EFA201512	CBO100851	61%	96.0%	97.5%
EFA201512	CDF100459	64%	95.7%	97.8%
EFA201512	CDP100215	45%	96.0%	95.4%
EFA201512	EBC101345	50%	96.6%	99.4%
EFA201512	EFA201512	100%	100%	100%
EFA201512	EFM200023	93%	100%	100%
EFA201512	ECO101180	50%	96.6%	99.4%
EFA201512	HIN101576	51%	96.3%	99.4%
EFA201512	HPY100730	51%	95.4%	95.6%
EFA201512	KPN303464	50%	96.6%	99.4%
EFA201512	LPN101587	49%	95.7%	98.4%
EFA201512	LMO100583	75%	98.8%	100%
EFA201512	MCA100701	47%	96.0%	98.7%
EFA201512	MAV105952	45%	98.8%	99.1%
EFA201512	MBV105572	45%	95.4%	98.7%
EFA201512	MLP100179	44%	96.0%	95.4%
EFA201512	MTU201006	45%	98.8%	99.1%
EFA201512	MGE100060	46%	86.4%	94.9%
EFA201512	MPN100082	45%	95.4%	75.8%
EFA201512	NGO101084	52%	95.7%	94.5%
EFA201512	NME201007	52%	95.7%	94.5%
EFA201512	PMU100244	50%	96.3%	99.4%
EFA201512	PRT101362	50%	96.6%	99.4%
EFA201512	PAE204667	50%	96.0%	99.0%
EFA201512	PPU104089	51%	75.9%	99.6%
EFA201512	PSY102431	49%	96.0%	99.0%
EFA201512	SPA100616	49%	96.6%	99.7%
EFA201512	STY101673	50%	96.6%	99.4%
EFA201512	STM101478	50%	96.6%	99.4%
EFA201512	SAU800500	68%	98.8%	99.7%
EFA201512	SEP201833	67%	98.8%	99.7%
EFA201512	SHA100895	70%	70.3%	99.6%
EFA201512	SMU101229	72%	96.0%	96.9%
EFA201512	SPN400028	73%	97.2%	93.2%
EFA201512	SPY200014	73%	96.9%	98.4%
EFA201512	TPA100291	30%	87.3%	74.1%
EFA201512	UUR100193	46%	91.3%	89.7%
EFA201512	VCH102150	51%	96.3%	99.4%
EFA201512	YPS003242	50%	96.6%	99.4%
EFA201523	BFU107317	30%	81.4%	93.2%
EFA201523	EFA201523	100%	100%	100%
EFA201523	EFM201546	28%	81.6%	94.1%
EFA201523	MBV105206	36%	83.3%	57.5%
EFA201523	MTU201973	36%	83.3%	57.5%
EFA201523	PRT101425	52%	88.6%	89.5%
EFA201523	PAE109042	27%	10.8%	39.4%
EFA201601	ABA102251	41%	76.7%	90.2%
EFA201601	BAN106145	55%	69.2%	100%
EFA201601	BAN102864	60%	72.9%	97.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201601	BFR103244	46%	69.9%	96.6%
EFA201601	BPT103145	44%	72.6%	53.0%
EFA201601	BBU100076	39%	63.8%	96.8%
EFA201601	BCE109396	43%	73.8%	92.3%
EFA201601	BFU100592	38%	91.0%	90.2%
EFA201601	BMA103170	37%	97.7%	91.2%
EFA201601	CJU101131	40%	66.7%	95.1%
EFA201601	CPN200871	37%	65.8%	97.2%
EFA201601	CTR200202	37%	64.7%	96.8%
EFA201601	CAC103551	51%	68.3%	98.0%
EFA201601	CBO103745	50%	68.3%	98.0%
EFA201601	CDF101891	43%	95.5%	95.8%
EFA201601	CDP101168	39%	91.6%	80.0%
EFA201601	EBC104170	39%	98.2%	97.7%
EFA201601	EFA201601	100%	100%	100%
EFA201601	EFM200001	86%	2.3%	32.5%
EFA201601	ECO103387	41%	93.2%	85.1%
EFA201601	HIN100748	42%	82.6%	88.2%
EFA201601	HPY100750	39%	59.7%	86.7%
EFA201601	KPN308256	38%	95.5%	94.1%
EFA201601	LMO101591	66%	70.1%	94.2%
EFA201601	MCA101469	42%	68.3%	95.5%
EFA201601	MAV103813	41%	84.4%	83.9%
EFA201601	MBV100063	33%	75.1%	91.0%
EFA201601	MLP100992	40%	90.7%	90.5%
EFA201601	MTU202883	38%	91.4%	91.2%
EFA201601	MGE100303	41%	73.1%	93.4%
EFA201601	MPN100416	43%	72.4%	92.0%
EFA201601	NME200274	37%	97.7%	98.8%
EFA201601	PMU101519	40%	95.5%	89.5%
EFA201601	PRT100781	42%	31.4%	3.8%
EFA201601	PAE200372	39%	96.8%	93.4%
EFA201601	PPU102117	38%	93.4%	81.6%
EFA201601	PSY102772	42%	86.4%	72.3%
EFA201601	SPA100292	52%	47.1%	83.5%
EFA201601	STY101273	40%	96.4%	88.6%
EFA201601	SAU801235	48%	99.5%	94.0%
EFA201601	SEP201528	47%	99.5%	94.9%
EFA201601	SHA101742	53%	84.8%	92.6%
EFA201601	SMU100011	49%	97.3%	84.1%
EFA201601	SPN401122	52%	99.3%	100%
EFA201601	SPY200409	48%	97.1%	82.4%
EFA201601	TPA100571	40%	65.4%	96.3%
EFA201601	UUR100140	42%	74.9%	96.6%
EFA201601	VCH100146	42%	86.4%	93.6%
EFA201601	YPS000724	39%	97.5%	84.5%
EFA201611	ABA104194	46%	97.0%	100%
EFA201611	BAN100780	55%	98.8%	98.2%
EFA201611	BAN104280	65%	98.4%	97.5%
EFA201611	BPT102115	45%	97.7%	99.5%
EFA201611	BBU100471	33%	97.5%	96.6%
EFA201611	BCE107676	46%	91.0%	99.7%
EFA201611	BFU102916	47%	97.0%	91.8%
EFA201611	BMA104589	46%	96.8%	92.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201611	CJU100797	43%	95.4%	98.3%
EFA201611	CTR200730	37%	94.2%	96.6%
EFA201611	CAC103585	50%	96.8%	99.8%
EFA201611	CBO100954	54%	97.0%	100%
EFA201611	CDF100485	56%	30.9%	100%
EFA201611	CDF102163	57%	97.2%	98.6%
EFA201611	CDP101476	44%	96.5%	99.0%
EFA201611	EFA201611	100%	100%	100%
EFA201611	EFM201945	84%	99.8%	99.8%
EFA201611	ECO103119	48%	95.6%	98.3%
EFA201611	HIN101057	49%	94.7%	96.7%
EFA201611	HPY100640	43%	95.6%	98.3%
EFA201611	KPN301069	48%	95.6%	98.3%
EFA201611	LPN103006	46%	97.2%	99.8%
EFA201611	LMO101018	69%	98.2%	98.1%
EFA201611	MCA100762	46%	94.9%	97.9%
EFA201611	MAV102894	43%	52.0%	99.6%
EFA201611	MBV100208	45%	96.5%	99.0%
EFA201611	MLP100716	44%	96.5%	99.0%
EFA201611	MTU201298	45%	96.5%	99.0%
EFA201611	NGO102024	46%	94.9%	97.8%
EFA201611	NME200242	47%	94.9%	97.8%
EFA201611	PMU100180	48%	96.3%	98.1%
EFA201611	PAE204448	48%	96.8%	99.5%
EFA201611	PPU109849	47%	96.8%	99.5%
EFA201611	PSY104793	45%	88.2%	98.7%
EFA201611	SPA100481	46%	44.1%	100%
EFA201611	STY101491	48%	95.6%	98.3%
EFA201611	SAU802100	58%	83.8%	94.8%
EFA201611	SEP202410	61%	97.0%	99.8%
EFA201611	SHA101060	60%	77.8%	100%
EFA201611	SMU100515	68%	97.5%	100%
EFA201611	SPN401779	65%	97.5%	99.5%
EFA201611	SPY200561	65%	97.2%	99.8%
EFA201611	TPA100028	32%	94.2%	97.4%
EFA201637	ABA100552	25%	80.7%	94.4%
EFA201637	BPT101760	26%	78.3%	93.1%
EFA201637	BCE110544	32%	47.5%	84.5%
EFA201637	BFU105355	27%	71.5%	83.2%
EFA201637	BMA108998	27%	75.0%	88.7%
EFA201637	CPN201063	30%	6.2%	20.5%
EFA201637	CBO101137	58%	99.9%	98.8%
EFA201637	CDF104440	58%	99.9%	100%
EFA201637	EFA201637	100%	100%	100%
EFA201637	ECO102802	30%	79.2%	97.9%
EFA201637	MCA101640	35%	6.5%	25%
EFA201637	MBV100418	28%	76.5%	91.1%
EFA201637	MTU200372	28%	76.5%	91.1%
EFA201637	PAE201522	24%	72.9%	84.1%
EFA201637	PPU107262	24%	73.2%	86.8%
EFA201637	PSY103891	23%	72.9%	84.8%
EFA201637	SAU801149	32%	4.6%	45.5%
EFA201637	TPA100078	23%	42.6%	47.7%
EFA201645	ABA101872	24%	56.8%	50.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201645	BPT102102	21%	56.5%	37.4%
EFA201645	CBO101032	42%	92.3%	91.9%
EFA201645	CBO101859	42%	97.2%	95.3%
EFA201645	CDF100557	43%	91.2%	89.1%
EFA201645	EBC103454	32%	20.7%	42.8%
EFA201645	EFA201645	100%	100%	100%
EFA201645	LPN100916	24%	85.6%	91.5%
EFA201645	PRT105013	27%	50.9%	67.4%
EFA201645	PAE200544	25%	33.3%	22.1%
EFA201645	PPU108658	25%	49.8%	22.0%
EFA201645	PSY102151	29%	32.3%	36.9%
EFA201645	STY102026	27%	75.4%	81.2%
EFA201645	STM101769	28%	75.4%	81.2%
EFA201645	TPA100728	50%	92.6%	95%
EFA201645	YPS001677	24%	57.5%	69.8%
EFA201646	ABA100945	35%	94.3%	94.5%
EFA201646	BFR11247	51%	93.4%	57.7%
EFA201646	BPT102078	29%	94.9%	22.4%
EFA201646	BCE114722	33%	89.0%	89.0%
EFA201646	BFU108232	34%	90.0%	90.4%
EFA201646	BMA109760	30%	95.3%	91.9%
EFA201646	CJU100009	28%	94.3%	95.4%
EFA201646	CAC102748	36%	90.3%	97.6%
EFA201646	CBO101098	57%	96.2%	96.4%
EFA201646	CBO102837	58%	97.7%	99.3%
EFA201646	CDF102919	55%	97.2%	98.5%
EFA201646	EBC105166	33%	94.3%	95.1%
EFA201646	EFA201646	100%	100%	100%
EFA201646	ECO102823	36%	92.4%	68.5%
EFA201646	ECO102419	35%	93.0%	67.4%
EFA201646	KPN306735	37%	8.7%	20.2%
EFA201646	LMO100374	27%	96.2%	96.3%
EFA201646	MCA102847	25%	34.1%	20.7%
EFA201646	MAV104921	30%	94.1%	89.3%
EFA201646	MBV101949	30%	96.2%	93.6%
EFA201646	MLP100043	29%	94.1%	91.8%
EFA201646	MTU203803	30%	96.2%	93.6%
EFA201646	PRT105231	33%	96.2%	95.9%
EFA201646	PAE205030	36%	93.9%	93.1%
EFA201646	PPU102730	36%	94.1%	94.3%
EFA201646	PSY103728	35%	93.9%	94.1%
EFA201646	SPA100761	34%	94.3%	97.6%
EFA201646	STY101535	34%	94.3%	95.1%
EFA201646	STM101814	34%	94.3%	95.1%
EFA201646	SAU800473	28%	92.2%	92.6%
EFA201646	SEP201791	26%	96.8%	97.1%
EFA201646	SHA103074	28%	96.4%	96.7%
EFA201646	SMU101812	31%	98.3%	97.5%
EFA201646	TPA100727	42%	97.0%	89.4%
EFA201646	VCH102342	36%	94.1%	94.7%
EFA201646	YPS003815	36%	94.3%	95.1%
EFA201699	BCE110252	34%	68.0%	32.9%
EFA201699	BFU111005	29%	18.8%	36.7%
EFA201699	BFU103784	25%	20.3%	10.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201699	EBC103370	32%	15.7%	32.2%
EFA201699	EFA201699	100%	100%	100%
EFA201699	EFM200673	57%	99.7%	99.6%
EFA201699	KPN307953	24%	63.1%	31.1%
EFA201699	PAE201090	26%	89.2%	35.7%
EFA201699	PPU108292	36%	0.4%	32.1%
EFA201699	PSY104048	48%	80.4%	36.7%
EFA201699	VCH101614	30%	7.3%	19.1%
EFA201699	YPS001628	28%	28.5%	81.0%
EFA201749	ABA103622	38%	100%	100%
EFA201749	BAN106917	40%	100%	100%
EFA201749	BAN102903	57%	100%	100%
EFA201749	BFR105590	50%	8.3%	33.6%
EFA201749	BPT101720	37%	100%	100%
EFA201749	BCE109254	38%	100%	100%
EFA201749	BFU109440	43%	17.6%	78.6%
EFA201749	BFU103182	38%	100%	100%
EFA201749	BMA102722	38%	100%	100%
EFA201749	CJU101290	36%	100%	100%
EFA201749	CPN200876	38%	100%	100%
EFA201749	CTR200198	39%	100%	100%
EFA201749	CAC103586	43%	100%	100%
EFA201749	CBO102655	43%	100%	100%
EFA201749	CDF100284	42%	100%	100%
EFA201749	CDP100523	41%	96.2%	100%
EFA201749	EBC104245	39%	100%	100%
EFA201749	EFA201749	100%	100%	100%
EFA201749	EFM100811	66%	100%	100%
EFA201749	ECO103650	39%	100%	100%
EFA201749	HIN100409	40%	100%	100%
EFA201749	HPY101510	34%	100%	100%
EFA201749	KPN300721	40%	100%	100%
EFA201749	LPN102850	37%	100%	100%
EFA201749	LMO101794	59%	100%	100%
EFA201749	MCA103570	37%	100%	100%
EFA201749	MAV105640	38%	100%	96.1%
EFA201749	MBV101159	39%	97.2%	100%
EFA201749	MLP100237	38%	100%	100%
EFA201749	MTU203389	39%	100%	100%
EFA201749	NGO101887	38%	100%	100%
EFA201749	NME200260	38%	100%	100%
EFA201749	PMU101731	40%	100%	100%
EFA201749	PRT104794	40%	100%	100%
EFA201749	PAE205544	39%	100%	100%
EFA201749	PPU102151	40%	100%	100%
EFA201749	PSY103460	39%	100%	100%
EFA201749	SPA101582	36%	100%	100%
EFA201749	STY103864	40%	100%	100%
EFA201749	SAU802154	58%	100%	100%
EFA201749	SEP201962	59%	100%	100%
EFA201749	SHA100979	59%	100%	100%
EFA201749	SMU101007	60%	100%	100%
EFA201749	SPN400245	63%	100%	100%
EFA201749	SPY200983	59%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201749	TPA100852	35%	100%	100%
EFA201749	VCH100482	37%	100%	100%
EFA201749	YPS003544	40%	100%	100%
EFA201801	BAN110308	43%	90.7%	92.0%
EFA201801	BAN106306	58%	97.7%	98.6%
EFA201801	EFA201801	100%	100%	100%
EFA201801	EFM100902	78%	99.4%	99.9%
EFA201801	LMO102776	58%	97.3%	96.9%
EFA201801	MGE100206	40%	89.6%	92.2%
EFA201801	MPN100031	38%	91.2%	93.9%
EFA201801	SAU801355	56%	97.7%	99.2%
EFA201801	SEP202031	55%	97.2%	98.8%
EFA201801	SHA100827	56%	96.6%	99.7%
EFA201801	SMU101036	60%	95.7%	98.8%
EFA201801	SPN400757	59%	98.9%	99.3%
EFA201801	SPY200681	59%	97.3%	99.0%
EFA201801	UUR100472	40%	87.4%	84%
EFA201826	ABA104082	28%	92.8%	90.4%
EFA201826	BAN105157	34%	97.0%	99.5%
EFA201826	BAN107229	40%	98.5%	98.5%
EFA201826	BCE115108	26%	96.5%	91.8%
EFA201826	BFU107730	27%	89.1%	85.8%
EFA201826	BMA109379	24%	91.6%	90.9%
EFA201826	EBC101035	25%	87.8%	86.2%
EFA201826	EFA201826	100%	100%	100%
EFA201826	ECO101082	26%	88.6%	85.3%
EFA201826	LMO100421	43%	99.8%	99.8%
EFA201826	PMU101477	28%	28.0%	25.2%
EFA201826	PPU108176	26%	91.1%	89.6%
EFA201826	SPA102808	26%	92.3%	90.1%
EFA201826	STY102547	26%	88.6%	85.3%
EFA201826	STM102737	27%	88.6%	85.3%
EFA201826	SAU800941	40%	98.8%	99.3%
EFA201826	SEP201510	40%	98.8%	93.2%
EFA201826	SHA100915	38%	70.0%	100%
EFA201827	ABA100229	40%	64.7%	56.9%
EFA201827	BAN107161	30%	54.3%	99.8%
EFA201827	BAN107699	56%	34.0%	98.5%
EFA201827	BAN102783	46%	98.6%	99.9%
EFA201827	BFR11263	36%	80.7%	80.1%
EFA201827	BPT102660	39%	80.7%	78.3%
EFA201827	BBU100256	47%	55.4%	56.7%
EFA201827	BCE101034	39%	80.8%	80.6%
EFA201827	BFU100730	39%	80.8%	74.9%
EFA201827	BMA101290	46%	62.5%	92.3%
EFA201827	CJU100817	39%	74.7%	65.5%
EFA201827	CPN200970	43%	63.2%	63.4%
EFA201827	CTR200112	35%	93.2%	93.7%
EFA201827	CAC101785	40%	96.8%	96.5%
EFA201827	CBO100656	42%	97.8%	98.4%
EFA201827	CDF100864	40%	96.8%	98.3%
EFA201827	CDP100424	35%	95.9%	86.7%
EFA201827	EBC100487	38%	60.0%	69.0%
EFA201827	EFA201827	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201827	EFM200744	68%	99.9%	99.5%
EFA201827	ECO100865	42%	65.6%	41.8%
EFA201827	HIN101559	45%	56.8%	90.7%
EFA201827	HPY101073	39%	72.1%	68.2%
EFA201827	KPN307601	48%	30.1%	97.4%
EFA201827	LPN100195	42%	68.0%	75.8%
EFA201827	LMO102030	51%	98.3%	99.6%
EFA201827	MCA100556	41%	57.2%	99.4%
EFA201827	MAV100073	46%	65.2%	72.2%
EFA201827	MBV103355	46%	62.0%	66.0%
EFA201827	MLP100598	46%	64.3%	60.8%
EFA201827	MTU202711	46%	62.0%	57.3%
EFA201827	NGO100195	39%	79.8%	76.0%
EFA201827	NME201387	40%	79.8%	80.4%
EFA201827	PMU100255	42%	70.4%	61.9%
EFA201827	PRT100386	43%	66.9%	61.3%
EFA201827	PAE202613	38%	83.1%	83.6%
EFA201827	PPU100858	40%	79.8%	84.4%
EFA201827	PSY104186	39%	79.8%	82.7%
EFA201827	SPA103466	45%	57.6%	95.3%
EFA201827	STY102893	42%	65.2%	41.6%
EFA201827	STM102713	42%	65.2%	41.4%
EFA201827	SAU801276	45%	98.9%	99.5%
EFA201827	SEP201569	46%	98.9%	99.5%
EFA201827	SHA101101	44%	96.5%	99.9%
EFA201827	SMU101151	49%	97.5%	99.2%
EFA201827	SPN400781	50%	97.5%	99.7%
EFA201827	SPY200327	50%	97.6%	99.3%
EFA201827	TPA100989	49%	57.7%	58.1%
EFA201827	UUR100513	24%	28.3%	28.7%
EFA201827	VCH101873	45%	57.7%	51.0%
EFA201827	YPS001224	43%	65.9%	42.8%
EFA201867	EFA201867	100%	100%	100%
EFA201867	SMU100125	32%	94.4%	97.5%
EFA201867	SPY201027	30%	96.0%	98.3%
EFA201869	ABA105939	35%	47.3%	40.7%
EFA201869	BAN107872	44%	94.3%	98.5%
EFA201869	BAN102524	45%	94.3%	96.7%
EFA201869	BFR104611	37%	46.6%	41.0%
EFA201869	BPT101657	35%	49.5%	45.7%
EFA201869	BBU100705	31%	91.9%	92.4%
EFA201869	BCE100092	27%	96.3%	79.7%
EFA201869	BFU102642	26%	96.3%	77.1%
EFA201869	BMA109607	31%	64.8%	53.6%
EFA201869	CJU100728	31%	44.3%	47.3%
EFA201869	CPN201005	30%	97.5%	99.0%
EFA201869	CTR200077	32%	93.6%	95.6%
EFA201869	CAC100065	21%	95.3%	92.6%
EFA201869	CBO100682	43%	53.7%	49.6%
EFA201869	CDF103451	31%	94.1%	95.5%
EFA201869	CDP101606	36%	51.7%	43.8%
EFA201869	EBC102069	33%	48.8%	46.0%
EFA201869	EFA201869	100%	100%	100%
EFA201869	ECO100143	33%	51.0%	50%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201869	HIN100062	35%	49.8%	47.3%
EFA201869	HPY100632	42%	46.1%	47.5%
EFA201869	KPN308697	32%	50.7%	51.8%
EFA201869	LPN103037	38%	48.0%	47.8%
EFA201869	LMO102472	44%	93.6%	95.9%
EFA201869	MCA100864	34%	54.7%	36.2%
EFA201869	MAV103429	29%	91.4%	88.8%
EFA201869	MBV106184	27%	99.3%	97.9%
EFA201869	MLP101592	28%	98.8%	97.1%
EFA201869	MTU203852	27%	99.3%	97.9%
EFA201869	NGO100973	38%	48.3%	44.7%
EFA201869	NME200969	37%	48.3%	43.9%
EFA201869	PMU100864	36%	48.8%	41.7%
EFA201869	PRT102520	36%	48.3%	46.6%
EFA201869	PAE204723	34%	53.2%	48.8%
EFA201869	PPU108737	36%	51.2%	47.1%
EFA201869	PSY105160	35%	51.7%	46.9%
EFA201869	SPA104027	35%	49.8%	47.1%
EFA201869	STY103428	35%	49.8%	45.1%
EFA201869	STM101254	32%	60.3%	59.6%
EFA201869	SAU801457	37%	95.1%	97%
EFA201869	SEP200430	37%	95.1%	97%
EFA201869	SHA101762	37%	95.8%	97.8%
EFA201869	SMU100881	50%	97.0%	99.5%
EFA201869	SPN401412	49%	98.5%	100%
EFA201869	SPY200644	46%	97.0%	99.2%
EFA201869	TPA100267	32%	94.6%	96.9%
EFA201869	VCH100583	37%	48.8%	45.7%
EFA201869	YPS000784	35%	48.3%	47.7%
EFA201878	ABA105360	30%	99.2%	95.6%
EFA201878	BAN102900	46%	99.6%	98.5%
EFA201878	BAN107078	51%	99.6%	98.5%
EFA201878	BFR10828	28%	92.7%	90.9%
EFA201878	BPT102724	28%	99.2%	96.7%
EFA201878	BCE105684	33%	99.6%	98.9%
EFA201878	BMA108656	30%	95.4%	98.8%
EFA201878	CJU100185	27%	100%	99.2%
EFA201878	CPN200790	25%	90.0%	81.8%
EFA201878	CTR200633	28%	74.9%	74.8%
EFA201878	CAC100895	26%	100%	99.2%
EFA201878	CBO102353	30%	99.6%	99.2%
EFA201878	CDF100169	34%	45.6%	95%
EFA201878	CDF103888	27%	100%	99.6%
EFA201878	CDF101971	30%	100%	99.6%
EFA201878	CDP100444	43%	99.6%	98.4%
EFA201878	EBC102147	29%	99.6%	96.3%
EFA201878	EFA201878	100%	100%	100%
EFA201878	EFM201574	27%	96.1%	94.5%
EFA201878	ECO100031	30%	99.6%	96.3%
EFA201878	HIN101274	30%	99.6%	97.4%
EFA201878	HPY100505	26%	73.7%	73.6%
EFA201878	KPN306527	30%	99.6%	96.3%
EFA201878	LPN103391	45%	99.2%	98.8%
EFA201878	LMO101881	60%	99.6%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201878	MCA102220	30%	99.6%	97.7%
EFA201878	MAV101194	42%	99.6%	98.8%
EFA201878	MBV101254	42%	99.6%	98.8%
EFA201878	MTU202735	43%	99.6%	98.8%
EFA201878	NGO100748	29%	99.6%	97.0%
EFA201878	NME200061	29%	99.6%	97.0%
EFA201878	PMU100726	29%	99.6%	97.4%
EFA201878	PRT101653	31%	75.3%	71.4%
EFA201878	PAE204755	29%	100%	98.9%
EFA201878	PPU111382	33%	75.3%	92.0%
EFA201878	PSY104750	28%	100%	98.8%
EFA201878	SPA101380	33%	75.3%	71.7%
EFA201878	STY101155	29%	99.6%	96.3%
EFA201878	STM100870	29%	99.6%	96.3%
EFA201878	SAU801396	25%	99.2%	100%
EFA201878	SEP202106	25%	97.3%	97.9%
EFA201878	SHA100969	25%	99.2%	100%
EFA201878	SMU100878	61%	99.6%	99.2%
EFA201878	SPN401413	63%	99.6%	99.2%
EFA201878	VCH102356	29%	100%	98.1%
EFA201878	YPS000815	28%	99.6%	96.3%
EFA201883	ABA103631	57%	96.7%	97.8%
EFA201883	BAN110875	78%	97.8%	98.9%
EFA201883	BFR100422	50%	97.8%	98.9%
EFA201883	BPT100124	53%	96.7%	97.8%
EFA201883	BBU100231	32%	95.6%	86.1%
EFA201883	BCE110670	58%	97.8%	98.9%
EFA201883	BFU100991	53%	96.7%	97.8%
EFA201883	BMA101790	50%	96.7%	95.7%
EFA201883	CJU100843	56%	95.6%	88.8%
EFA201883	CPN200333	25%	96.7%	89%
EFA201883	CTR200531	24%	96.7%	89%
EFA201883	CAC100114	57%	96.7%	96.7%
EFA201883	CBO102675	56%	96.7%	78.6%
EFA201883	CDF102299	57%	96.7%	96.7%
EFA201883	EBC102270	55%	96.7%	97.8%
EFA201883	EFA201883	100%	100%	100%
EFA201883	EFM100184	90%	100%	92.9%
EFA201883	ECO100432	55%	96.7%	97.8%
EFA201883	HIN100410	64%	97.8%	65.4%
EFA201883	HPY100822	38%	97.8%	95.7%
EFA201883	KPN302503	56%	97.8%	98.9%
EFA201883	LPN101041	38%	93.4%	95.5%
EFA201883	LMO100364	74%	100%	100%
EFA201883	MCA101444	57%	96.7%	97.8%
EFA201883	MAV101405	45%	96.7%	41.5%
EFA201883	MBV102079	46%	96.7%	41.1%
EFA201883	MLP101029	46%	96.7%	44%
EFA201883	MTU202948	46%	96.7%	41.1%
EFA201883	NGO100251	48%	96.7%	98.9%
EFA201883	NME201722	47%	96.7%	96.7%
EFA201883	NME201276	50%	96.7%	98.9%
EFA201883	PMU101732	62%	97.8%	98.9%
EFA201883	PRT101499	60%	96.7%	91.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201883	PAE201803	56%	96.7%	97.8%
EFA201883	PPU111425	54%	96.7%	97.8%
EFA201883	PSY108978	52%	96.7%	97.8%
EFA201883	SPA102996	56%	96.7%	97.8%
EFA201883	STY100727	56%	96.7%	97.8%
EFA201883	STM100440	56%	96.7%	97.8%
EFA201883	SAU801473	78%	97.8%	98.9%
EFA201883	SEP200458	78%	97.8%	98.9%
EFA201883	SHA101411	77%	97.8%	98.9%
EFA201883	SMU100719	80%	100%	100%
EFA201883	SPN401020	75%	100%	100%
EFA201883	SPY201144	82%	100%	100%
EFA201883	TPA100248	32%	93.4%	81.0%
EFA201883	UUR100284	28%	95.6%	66.9%
EFA201883	VCH100270	55%	97.8%	98.9%
EFA201883	YPS001873	53%	96.7%	97.8%
EFA201884	ABA100688	41%	97.9%	91.0%
EFA201884	BAN111369	58%	99.8%	100%
EFA201884	BAN112079	70%	99.8%	99.8%
EFA201884	BFR10077	47%	28.4%	72.5%
EFA201884	BPT100007	39%	97.9%	96.2%
EFA201884	BBU100507	33%	77.8%	35.6%
EFA201884	BCE100856	36%	26.6%	65.6%
EFA201884	BFU105505	37%	97.9%	96.6%
EFA201884	BMA102074	37%	97.9%	96.6%
EFA201884	CJU100354	35%	98.9%	97.8%
EFA201884	CPN201006	33%	71.1%	27.9%
EFA201884	CTR200076	33%	80.7%	33.9%
EFA201884	CAC100098	53%	100%	99.8%
EFA201884	CBO101866	51%	100%	99.5%
EFA201884	CDF102465	53%	99.8%	98.9%
EFA201884	CDP101065	39%	67.4%	21.8%
EFA201884	EBC102035	38%	97.9%	92.4%
EFA201884	EFA201884	100%	100%	100%
EFA201884	ECO102462	38%	97.9%	90.1%
EFA201884	HIN100129	37%	98.9%	93.1%
EFA201884	HPY100821	36%	99.1%	96.9%
EFA201884	KPN305977	38%	97.9%	92.5%
EFA201884	LPN101429	39%	97.9%	92.0%
EFA201884	LMO102523	74%	100%	100%
EFA201884	MCA101523	40%	97.9%	90.7%
EFA201884	MAV102019	40%	99.3%	92.3%
EFA201884	MBV105348	37%	69.5%	27.6%
EFA201884	MLP100852	39%	99.3%	93.1%
EFA201884	MTU201691	37%	69.5%	27.6%
EFA201884	MGE100337	43%	27.1%	66.5%
EFA201884	MPN100366	42%	7.8%	47.9%
EFA201884	NGO101003	41%	27.3%	60.8%
EFA201884	NME200978	41%	27.3%	60.8%
EFA201884	PMU100105	35%	98.9%	93.1%
EFA201884	PRT102921	37%	97.9%	92.5%
EFA201884	PAE203796	39%	97.9%	90.9%
EFA201884	PPU112339	40%	97.9%	91.0%
EFA201884	PSY106808	48%	68.6%	83.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201884	PSY103809	41%	97.9%	90.3%
EFA201884	SPA102739	38%	97.9%	90.2%
EFA201884	STY101715	38%	97.9%	92.4%
EFA201884	SAU801475	68%	99.8%	99.8%
EFA201884	SEP200461	68%	99.8%	99.8%
EFA201884	SHA101409	69%	99.8%	99.8%
EFA201884	SMU101355	78%	100%	100%
EFA201884	SPN401552	78%	100%	100%
EFA201884	SPY200248	77%	100%	100%
EFA201884	TPA100681	33%	98.9%	94.6%
EFA201884	UUR100386	48%	97.7%	96.8%
EFA201884	VCH100750	38%	97.9%	92.3%
EFA201884	YPS003216	36%	97.9%	92.5%
EFA201886	BFR100706	48%	93.1%	29.3%
EFA201886	EFA201886	100%	100%	100%
EFA201888	ABA105798	37%	99.8%	100%
EFA201888	ABA100324	39%	99.5%	99.8%
EFA201888	BAN112689	49%	96.6%	97.3%
EFA201888	BAN107953	51%	99.3%	99.3%
EFA201888	BFR12010	47%	99.8%	99.5%
EFA201888	BPT102618	48%	98.8%	99.3%
EFA201888	BCE113298	47%	74.3%	98.7%
EFA201888	BFU100675	49%	98.8%	95.3%
EFA201888	BMA102164	49%	98.8%	99.0%
EFA201888	CJU100410	48%	99.0%	99.5%
EFA201888	CPN200933	44%	99.0%	98.8%
EFA201888	CTR200146	44%	99.3%	98.6%
EFA201888	CAC100013	56%	99.3%	99.5%
EFA201888	CBO102384	59%	99.5%	98.8%
EFA201888	CDF101773	52%	99.0%	99.3%
EFA201888	CDP100587	25%	98.8%	27.7%
EFA201888	EBC100090	47%	63.8%	98.9%
EFA201888	EFA201888	100%	100%	100%
EFA201888	ECO101068	50%	98.8%	99.0%
EFA201888	HPY100551	45%	99.0%	99.8%
EFA201888	KPN301302	50%	98.8%	99.0%
EFA201888	LPN100053	48%	98.8%	99.0%
EFA201888	LMO100394	52%	99.5%	99.3%
EFA201888	MCA101479	46%	98.8%	100%
EFA201888	MAV103067	36%	98.3%	100%
EFA201888	MBV100653	38%	98.5%	96.9%
EFA201888	MLP101008	36%	98.5%	96.9%
EFA201888	MTU202211	38%	98.5%	96.9%
EFA201888	NGO100696	51%	99.3%	91.9%
EFA201888	NME200042	50%	99.3%	99.0%
EFA201888	PAE202963	49%	99.5%	99.3%
EFA201888	PPU104840	49%	99.0%	98.8%
EFA201888	PSY101697	48%	99.5%	99.3%
EFA201888	SPA100629	47%	98.8%	99.0%
EFA201888	STY102533	49%	98.8%	99.0%
EFA201888	STM102723	50%	98.8%	99.0%
EFA201888	SAU800984	53%	99.3%	98.8%
EFA201888	SEP200206	52%	99.3%	98.8%
EFA201888	SHA101847	52%	99.5%	99.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201888	VCH101989	49%	98.8%	99.0%
EFA201888	YPS003134	49%	98.8%	99.0%
EFA201905	ABA103706	43%	98.6%	95.8%
EFA201905	BAN112289	80%	12.2%	87.8%
EFA201905	BAN108159	45%	95.3%	100%
EFA201905	BAN100668	56%	100%	100%
EFA201905	BFR100314	21%	36.5%	34.4%
EFA201905	BFR102798	36%	12.8%	74.5%
EFA201905	BFR104729	31%	27.0%	26.3%
EFA201905	BFR102402	35%	16.9%	69.9%
EFA201905	BFR103498	33%	18.2%	17.6%
EFA201905	BFR104188	31%	18.2%	14.4%
EFA201905	BFR101898	22%	97.6%	74.5%
EFA201905	BFR102942	36%	23.6%	79.8%
EFA201905	BFR104190	20%	97.0%	59.5%
EFA201905	BFR10665	23%	65.5%	45.4%
EFA201905	BFR102711	40%	20.3%	15.8%
EFA201905	BFR102682	38%	23.3%	56%
EFA201905	BFR104935	23%	86.8%	60.3%
EFA201905	BFR11037	24%	93.6%	54.5%
EFA201905	BFR100113	27%	81.1%	56.1%
EFA201905	BFR102796	25%	71.6%	51.3%
EFA201905	BFR102991	30%	59.8%	39.2%
EFA201905	BFR101296	30%	61.1%	39.8%
EFA201905	BFR12371	25%	94.3%	68.0%
EFA201905	BFR11529	28%	81.1%	62.4%
EFA201905	BFR10734	43%	97.3%	90.2%
EFA201905	BPT102059	41%	97.6%	95.2%
EFA201905	BCE108192	33%	99.7%	98.0%
EFA201905	BFU102341	41%	95.9%	90.4%
EFA201905	BMA105859	41%	95.3%	83.8%
EFA201905	CJU100802	29%	90.2%	78.0%
EFA201905	CPN200813	34%	96.3%	93.4%
EFA201905	CTR200250	34%	100%	97.3%
EFA201905	CAC100867	42%	95.3%	95.5%
EFA201905	CBO103235	41%	100%	100%
EFA201905	CDF101842	35%	96.3%	93.1%
EFA201905	CDP101043	41%	91.9%	99.0%
EFA201905	EBC102954	41%	97.6%	96.6%
EFA201905	EFA201905	100%	100%	100%
EFA201905	EFM100706	74%	91.9%	100%
EFA201905	ECO102830	40%	99.0%	98.0%
EFA201905	HIN100295	38%	98.3%	98.0%
EFA201905	HPY100992	26%	41.9%	69.4%
EFA201905	HPY100979	24%	81.8%	70.1%
EFA201905	HPY100667	29%	84.5%	72.9%
EFA201905	KPN303337	42%	97.6%	96.6%
EFA201905	LMO101203	53%	100%	100%
EFA201905	MCA100972	39%	95.3%	90.2%
EFA201905	MAV102006	37%	100%	93.6%
EFA201905	MBV100093	27%	52.4%	96.5%
EFA201905	MBV105361	39%	99.0%	97.7%
EFA201905	MLP100846	38%	100%	98.1%
EFA201905	MTU201680	39%	99.0%	97.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201905	NGO102003	40%	99.7%	99.7%
EFA201905	NME200887	38%	99.7%	99.7%
EFA201905	PMU100093	37%	97.3%	96.6%
EFA201905	PRT102352	41%	97.3%	91.7%
EFA201905	PAE203735	43%	99.7%	98.7%
EFA201905	PPU107818	42%	99.7%	98.7%
EFA201905	PSY103793	43%	99.7%	98.7%
EFA201905	SPA102980	41%	100%	100%
EFA201905	STY104150	41%	100%	100%
EFA201905	STM101083	38%	100%	97%
EFA201905	SAU801497	52%	100%	100%
EFA201905	SEP200487	50%	100%	100%
EFA201905	SHA101162	52%	100%	100%
EFA201905	SPN401046	23%	93.9%	85.7%
EFA201905	SPY200913	22%	85.8%	75.6%
EFA201905	TPA100387	38%	80.4%	78.8%
EFA201905	UUR100535	24%	91.2%	90.8%
EFA201905	VCH102384	39%	97.6%	95.4%
EFA201905	YPS000164	42%	97.6%	96.3%
EFA201920	ABA102020	43%	90.2%	96.6%
EFA201920	BAN108425	58%	99.3%	100%
EFA201920	BAN110337	69%	99.5%	100%
EFA201920	BFR10585	42%	77.9%	94.5%
EFA201920	BPT102468	48%	76.7%	88.6%
EFA201920	BBU100780	40%	75.6%	97.0%
EFA201920	BCE109750	46%	76.5%	89.5%
EFA201920	BFU106483	44%	82.9%	96.2%
EFA201920	BMA107520	46%	76.5%	89.0%
EFA201920	CJU100085	43%	74.9%	94.3%
EFA201920	CPN200205	44%	74.9%	94.8%
EFA201920	CTR200689	44%	74.9%	97.0%
EFA201920	CAC103735	49%	99.5%	100%
EFA201920	CBO102816	49%	99.3%	99.8%
EFA201920	CDF101736	47%	99.3%	99.1%
EFA201920	CDP101218	43%	99.5%	87.0%
EFA201920	EBC102677	44%	84.0%	90.0%
EFA201920	EFA201920	100%	100%	100%
EFA201920	EFM201911	88%	91.1%	100%
EFA201920	ECO103113	43%	90.2%	95.4%
EFA201920	HIN100857	42%	85.6%	95.9%
EFA201920	HPY100299	46%	67.4%	81.1%
EFA201920	KPN300686	45%	84.0%	89.8%
EFA201920	LPN101316	49%	63.7%	99.3%
EFA201920	LMO102191	71%	99.5%	100%
EFA201920	MCA101313	44%	81.3%	86.9%
EFA201920	MAV104121	44%	99.5%	88.6%
EFA201920	MBV104432	43%	98.9%	89.0%
EFA201920	MLP100902	42%	99.5%	90.8%
EFA201920	MTU202404	43%	99.5%	90.6%
EFA201920	MGE100395	36%	96.1%	96.3%
EFA201920	MPN100279	36%	96.1%	96.3%
EFA201920	NGO100959	45%	75.1%	88.3%
EFA201920	NME200322	46%	75.1%	88.3%
EFA201920	PMU100351	44%	81.3%	89.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201920	PRT100791	44%	84.5%	95.4%
EFA201920	PAE204564	47%	79.9%	86.2%
EFA201920	PPU110997	44%	79.9%	85.5%
EFA201920	PSY102705	43%	69.9%	84.5%
EFA201920	SPA100458	43%	84.0%	96.4%
EFA201920	STY101485	44%	84.0%	90.3%
EFA201920	SAU801644	61%	99.5%	100%
EFA201920	SEP201605	60%	99.5%	100%
EFA201920	SHA100640	60%	84.9%	100%
EFA201920	SMU100127	73%	100%	100%
EFA201920	SPN400984	77%	100%	100%
EFA201920	SPY201023	73%	100%	100%
EFA201920	TPA100734	43%	68.7%	79.5%
EFA201920	UUR100466	35%	99.3%	99.5%
EFA201920	VCH100432	42%	81.3%	88.1%
EFA201920	YPS002137	44%	80.1%	88.7%
EFA201926	ABA102635	47%	97.6%	94.0%
EFA201926	BAN101985	47%	96.4%	100%
EFA201926	BAN113496	72%	98.2%	98.0%
EFA201926	BFR102757	47%	98.0%	86.1%
EFA201926	BPT101799	49%	98.2%	97.4%
EFA201926	BCE109946	50%	99.6%	98.4%
EFA201926	BFU108644	48%	98.0%	94.3%
EFA201926	BMA108408	49%	99.6%	98.4%
EFA201926	CJU100369	45%	96.4%	96.2%
EFA201926	CPN200915	40%	97.6%	96.8%
EFA201926	CTR200158	41%	97.6%	97.3%
EFA201926	CAC101713	53%	97.8%	94.0%
EFA201926	CBO101347	54%	98.2%	96.4%
EFA201926	CDF101016	54%	99.6%	96.1%
EFA201926	CDP100639	38%	98.2%	98.1%
EFA201926	EBC102996	51%	99.4%	99.0%
EFA201926	EFA201926	100%	100%	100%
EFA201926	EFM102056	58%	23.5%	98.3%
EFA201926	ECO102826	52%	98.0%	96.8%
EFA201926	HIN101184	52%	99.4%	99.2%
EFA201926	HPY100179	45%	97.6%	97.0%
EFA201926	KPN302939	51%	100%	99.4%
EFA201926	KPN303317	51%	100%	99.4%
EFA201926	LPN100325	50%	99.4%	99.4%
EFA201926	LMO102242	69%	98.2%	98.2%
EFA201926	MCA100679	47%	97.6%	96.4%
EFA201926	MAV100921	41%	98.0%	98.0%
EFA201926	MBV102374	41%	94.4%	98.5%
EFA201926	MLP100165	40%	97.8%	97.0%
EFA201926	MTU203546	41%	98.2%	97.8%
EFA201926	MGE100138	45%	97.8%	98.6%
EFA201926	MPN100558	48%	97.8%	98.6%
EFA201926	NGO101519	50%	100%	99.6%
EFA201926	NME201498	50%	100%	99.6%
EFA201926	PMU100189	51%	99.2%	99.2%
EFA201926	PRT100474	51%	100%	98.6%
EFA201926	PAE203698	51%	99.4%	98.2%
EFA201926	PPU107895	49%	99.4%	98.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201926	PSY104934	49%	99.4%	98.2%
EFA201926	SPA102976	52%	98.0%	96.8%
EFA201926	STY104136	52%	98.0%	96.8%
EFA201926	STM103496	31%	64.7%	96.3%
EFA201926	SAU800517	68%	98.2%	99.2%
EFA201926	SEP201850	68%	98.2%	99.2%
EFA201926	SHA100105	70%	45.2%	99.1%
EFA201926	SMU100072	69%	98.6%	98.4%
EFA201926	SPN400626	71%	98.6%	99.2%
EFA201926	SPY200429	70%	98.6%	99.0%
EFA201926	TPA101030	22%	61.2%	95.7%
EFA201926	UUR100060	53%	97.6%	98.2%
EFA201926	VCH100651	46%	99.2%	97.1%
EFA201926	YPS000160	51%	98.2%	97.0%
EFA201946	ABA102546	34%	16.4%	100%
EFA201946	ABA101608	34%	90.0%	92.4%
EFA201946	BAN104617	37%	94.0%	95.8%
EFA201946	BAN104798	52%	96.2%	97.4%
EFA201946	BFR106066	35%	88.1%	88.6%
EFA201946	BPT100078	36%	90.8%	92.9%
EFA201946	BBU100622	36%	86.0%	87.0%
EFA201946	BCE107511	35%	89.3%	90.5%
EFA201946	BFU101876	37%	73.8%	90.6%
EFA201946	BMA109410	35%	89.7%	90.0%
EFA201946	CJU101011	33%	17.0%	10.1%
EFA201946	CPN200958	40%	10.5%	5.7%
EFA201946	CTR200123	41%	18.8%	15.3%
EFA201946	CAC101838	43%	90.5%	92.1%
EFA201946	CBO103147	40%	96.5%	98.4%
EFA201946	CDF103177	41%	91.3%	95.5%
EFA201946	CDP100876	36%	91.8%	88.5%
EFA201946	EBC101582	37%	81.7%	94.5%
EFA201946	EFA201946	100%	100%	100%
EFA201946	EFM201703	74%	98.4%	99.7%
EFA201946	ECO101087	36%	89.7%	92.2%
EFA201946	HIN101230	37%	88.3%	91.1%
EFA201946	HPY101518	37%	17.7%	11.7%
EFA201946	KPN300307	60%	9.8%	82.4%
EFA201946	KPN302590	35%	90.6%	93.2%
EFA201946	LPN102055	35%	91.3%	94.0%
EFA201946	LMO101320	53%	95.9%	96.8%
EFA201946	MCA102969	32%	88.6%	91.4%
EFA201946	MAV105497	35%	91.8%	90.7%
EFA201946	MBV103326	36%	88.9%	87.8%
EFA201946	MLP100181	35%	89.7%	89.5%
EFA201946	MTU201009	36%	88.9%	87.8%
EFA201946	NGO101007	42%	13.2%	20.2%
EFA201946	NME201357	40%	9.4%	20.0%
EFA201946	PMU101041	37%	85.6%	88.4%
EFA201946	PRT100883	36%	91.8%	93.0%
EFA201946	PAE203000	35%	89.0%	91.7%
EFA201946	PPU100453	35%	90.5%	94.0%
EFA201946	PSY102964	36%	87.0%	93.1%
EFA201946	SPA102802	35%	87.5%	91.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201946	STY102552	36%	89.7%	92.2%
EFA201946	SAU800503	48%	95.1%	96.3%
EFA201946	SEP201836	49%	94.2%	95.7%
EFA201946	SHA101206	51%	89.0%	98.9%
EFA201946	SMU100032	51%	98.7%	99.7%
EFA201946	SPN400006	50%	96.0%	96.9%
EFA201946	SPY200006	51%	98.5%	99.4%
EFA201946	TPA100340	36%	85.1%	86.1%
EFA201946	VCH101856	36%	90.6%	92.9%
EFA201946	YPS003221	35%	90.5%	93.0%
EFA201951	ABA100619	44%	97.8%	96.8%
EFA201951	BAN108237	36%	98.0%	96.3%
EFA201951	BAN113091	39%	95.2%	97.1%
EFA201951	BAN112735	41%	97.4%	97.6%
EFA201951	BAN113417	42%	98.2%	98.4%
EFA201951	BFR103003	24%	23.0%	81.9%
EFA201951	BPT103076	45%	97.4%	92.2%
EFA201951	BCE103462	45%	97.4%	96.1%
EFA201951	BFU102740	44%	97.4%	96.4%
EFA201951	BFU107758	45%	98.0%	97.0%
EFA201951	BMA106098	45%	97.4%	86.1%
EFA201951	CJU100455	35%	76.8%	96.4%
EFA201951	CAC103154	34%	95.4%	97.5%
EFA201951	CBO103360	34%	95.4%	96.9%
EFA201951	CDF103906	33%	96.2%	97.5%
EFA201951	CDP101458	44%	97.4%	96.2%
EFA201951	EBC104578	47%	97.4%	91.4%
EFA201951	EFA201951	100%	100%	100%
EFA201951	ECO103510	48%	97.4%	90.0%
EFA201951	HPY100055	24%	91.5%	37.0%
EFA201951	KPN305829	45%	95.8%	94.9%
EFA201951	LPN101129	42%	97.4%	99.4%
EFA201951	LMO102125	40%	94.8%	96.1%
EFA201951	MCA101417	43%	97.4%	96.4%
EFA201951	MAV101769	46%	97.8%	96.6%
EFA201951	MBV105125	43%	97.8%	96.6%
EFA201951	MLP101520	28%	91.9%	99.3%
EFA201951	MTU200456	43%	97.8%	96.6%
EFA201951	NGO100472	36%	91.1%	91.8%
EFA201951	NME200446	36%	95.4%	98.5%
EFA201951	PMU101530	36%	94.8%	96.7%
EFA201951	PRT105557	59%	96.4%	97.0%
EFA201951	PAE204019	48%	95.4%	94.5%
EFA201951	PAE201982	48%	95.4%	94.5%
EFA201951	PPU108163	49%	95.8%	94.9%
EFA201951	PSY105710	48%	95.4%	94.5%
EFA201951	SPA101536	48%	84.5%	93.0%
EFA201951	STY100416	47%	97.4%	95.3%
EFA201951	STM102230	38%	94.8%	96.3%
EFA201951	SAU800167	57%	99.0%	99.2%
EFA201951	SEP201069	56%	100%	100%
EFA201951	SHA101810	56%	100%	100%
EFA201951	SMU100865	32%	95.8%	98.9%
EFA201951	SPN401028	33%	96.0%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201951	SPY201053	32%	95.8%	98.9%
EFA201951	UUR100364	30%	95.6%	99.4%
EFA201951	VCH101789	48%	95.8%	94.9%
EFA201951	VCH100804	48%	97.4%	90.2%
EFA201951	YPS002165	39%	95.2%	96.7%
EFA201954	ABA104342	28%	42.7%	95.8%
EFA201954	BCE107126	36%	42.3%	90.2%
EFA201954	BMA105276	34%	42.3%	97.2%
EFA201954	EBC100624	37%	42.3%	97.3%
EFA201954	EFA201954	100%	100%	100%
EFA201954	ECO100786	37%	42.3%	97.3%
EFA201954	KPN303596	37%	42.3%	97.3%
EFA201954	SPA101970	37%	42.3%	97.7%
EFA201954	STY102374	37%	42.3%	97.3%
EFA201954	SMU101490	57%	98.3%	99.2%
EFA201954	SPN400409	58%	54.8%	93.2%
EFA201954	SPY200205	54%	96.6%	96.4%
EFA201954	YPS000343	34%	40.2%	92.7%
EFA201968	BAN100415	49%	99.2%	100%
EFA201968	BAN103869	49%	100%	100%
EFA201968	BFR102096	37%	98.4%	99.6%
EFA201968	BPT101929	38%	99.2%	91.1%
EFA201968	BCE110533	36%	96.4%	87.8%
EFA201968	BFU112278	35%	99.2%	90.4%
EFA201968	BMA105147	34%	99.2%	90.0%
EFA201968	CJU100766	29%	99.2%	100%
EFA201968	CPN200166	39%	100%	93.3%
EFA201968	CTR200737	38%	96.4%	89.9%
EFA201968	EFA201968	100%	100%	100%
EFA201968	EFM202456	83%	99.6%	100%
EFA201968	HIN101610	34%	96.4%	88.1%
EFA201968	HPY100357	32%	98.0%	98.8%
EFA201968	LMO101804	48%	99.6%	100%
EFA201968	MGE100185	31%	99.6%	99.6%
EFA201968	MPN100635	35%	99.6%	100%
EFA201968	NGO100854	35%	98.4%	91.7%
EFA201968	NME200375	34%	98.4%	91.7%
EFA201968	PMU100637	35%	96.4%	89.8%
EFA201968	SAU802219	41%	95.6%	88.0%
EFA201968	SEP202050	39%	95.6%	88.0%
EFA201968	SHA100342	41%	42.6%	94.6%
EFA201968	SMU101378	60%	100%	95.0%
EFA201968	SPN401450	63%	99.6%	99.6%
EFA201968	SPY201464	57%	100%	100%
EFA201968	TPA100821	35%	90.8%	81.8%
EFA201970	BAN100358	47%	96.6%	95.9%
EFA201970	BAN103832	51%	99.6%	100%
EFA201970	BPT103246	31%	82.3%	97.5%
EFA201970	CAC102712	45%	99.2%	98.5%
EFA201970	CBO102260	46%	98.5%	98.1%
EFA201970	CDF102434	45%	89.8%	88.8%
EFA201970	CDP100414	29%	85.7%	98.5%
EFA201970	EFA201970	100%	100%	100%
EFA201970	EFM201224	82%	99.6%	97.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201970	ECO203822	26%	44.2%	49.4%
EFA201970	KPN305161	33%	24.5%	27.6%
EFA201970	LMO102464	63%	100%	99.6%
EFA201970	MBV105674	27%	83.0%	78.4%
EFA201970	MLP100512	27%	81.9%	77.0%
EFA201970	MTU202291	27%	83.0%	78.4%
EFA201970	MGE100184	39%	9.1%	35%
EFA201970	MPN100636	38%	8.3%	36.4%
EFA201970	SPA101299	23%	53.6%	95.9%
EFA201970	STY104521	23%	53.6%	62.9%
EFA201970	STM100519	23%	53.6%	60%
EFA201970	SAU802220	46%	99.6%	98.5%
EFA201970	SEP202052	46%	99.6%	98.5%
EFA201970	SHA100341	45%	98.5%	98.5%
EFA201970	SMU101384	60%	99.2%	99.6%
EFA201970	SPN402021	54%	99.6%	100%
EFA201970	SPY201676	62%	99.6%	99.2%
EFA201970	TPA100223	28%	54.7%	61.8%
EFA201970	UUR100543	41%	61.1%	36.8%
EFA201974	ABA100130	44%	96.1%	86.4%
EFA201974	BAN103288	74%	99.2%	100%
EFA201974	BAN102478	74%	99.2%	100%
EFA201974	BFR100896	37%	97.6%	68.3%
EFA201974	BPT100897	46%	96.9%	83.2%
EFA201974	BBU100502	32%	100%	91.9%
EFA201974	BCE109774	46%	96.9%	83.2%
EFA201974	BFU101597	45%	96.9%	83.8%
EFA201974	BMA104335	47%	96.9%	83.2%
EFA201974	CJU101502	45%	97.6%	94.0%
EFA201974	CPN200120	43%	96.1%	93.0%
EFA201974	CTR200782	43%	96.1%	93.0%
EFA201974	CAC100809	50%	97.6%	96.5%
EFA201974	CBO102497	53%	97.6%	97.3%
EFA201974	CDF102169	51%	97.6%	97.3%
EFA201974	CDP100024	41%	96.1%	68.8%
EFA201974	EBC103646	48%	98.4%	87.4%
EFA201974	EFA201974	100%	100%	100%
EFA201974	EFM201685	89%	99.2%	100%
EFA201974	ECO103217	48%	98.4%	87.4%
EFA201974	HIN100784	48%	98.4%	86.7%
EFA201974	HPY101274	41%	97.6%	94.8%
EFA201974	KPN300813	48%	98.4%	86.7%
EFA201974	LMO100340	67%	99.2%	100%
EFA201974	MCA100427	43%	96.1%	90.8%
EFA201974	MAV101006	43%	96.9%	74.7%
EFA201974	MBV100492	43%	96.9%	60.6%
EFA201974	MLP101193	41%	96.9%	64.1%
EFA201974	MTU203409	43%	96.9%	60.6%
EFA201974	MGE100181	31%	99.2%	96.7%
EFA201974	MPN100639	32%	97.6%	94.4%
EFA201974	NGO100883	48%	96.9%	89.3%
EFA201974	NME200096	48%	96.9%	89.3%
EFA201974	PMU101389	47%	98.4%	86.0%
EFA201974	PRT101773	46%	98.4%	86.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201974	PAE204235	43%	98.4%	86.0%
EFA201974	PPU104535	46%	98.4%	86.7%
EFA201974	PSY105785	44%	98.4%	86.7%
EFA201974	SPA104312	46%	98.4%	87.4%
EFA201974	STY101829	48%	98.4%	87.4%
EFA201974	SAU802223	65%	99.2%	100%
EFA201974	SEP202058	65%	99.2%	100%
EFA201974	SHA100503	65%	99.2%	99.2%
EFA201974	SMU100584	75%	99.2%	100%
EFA201974	SPN400216	76%	99.2%	100%
EFA201974	SPY101855	75%	99.2%	100%
EFA201974	TPA100211	41%	97.6%	67.1%
EFA201974	UUR100260	38%	99.2%	100%
EFA201974	VCH102533	48%	98.4%	86.7%
EFA201974	YPS002494	48%	98.4%	86.0%
EFA201975	ABA100129	40%	98.1%	91.3%
EFA201975	BAN107601	56%	99.7%	100%
EFA201975	BAN108468	75%	100%	100%
EFA201975	BFR10426	42%	99.7%	96.7%
EFA201975	BPT100896	43%	97.8%	93.9%
EFA201975	BBU100501	41%	98.7%	92.2%
EFA201975	BCE103299	41%	97.1%	93.8%
EFA201975	BFU101596	41%	97.1%	93.8%
EFA201975	BMA100053	41%	97.1%	93.8%
EFA201975	CJU101501	34%	95.2%	87.2%
EFA201975	CPN200119	39%	94.2%	80.3%
EFA201975	CTR200783	36%	93.6%	79.2%
EFA201975	CAC100456	62%	100%	99.7%
EFA201975	CBO100600	64%	100%	99.7%
EFA201975	CDF104551	64%	100%	99.1%
EFA201975	CDP100022	47%	99.0%	91.1%
EFA201975	EBC103650	45%	99.4%	95.4%
EFA201975	EFA201975	100%	100%	100%
EFA201975	EFM200465	93%	100%	100%
EFA201975	ECO103218	45%	99.4%	95.4%
EFA201975	HIN100783	45%	99.4%	95.4%
EFA201975	HPY101275	34%	95.2%	87.8%
EFA201975	KPN300703	47%	76.3%	95.7%
EFA201975	LMO100649	73%	100%	100%
EFA201975	MCA100426	44%	99.4%	93.4%
EFA201975	MAV101008	47%	99.0%	89.0%
EFA201975	MBV100494	46%	99.0%	89.0%
EFA201975	MLP101194	47%	99.0%	89.0%
EFA201975	MTU203410	46%	99.0%	89.0%
EFA201975	MGE100180	38%	94.6%	93.9%
EFA201975	MPN100640	38%	96.2%	95.7%
EFA201975	NGO100885	43%	98.1%	93.6%
EFA201975	NME200097	42%	98.1%	93.6%
EFA201975	PMU101390	45%	99.4%	95.4%
EFA201975	PRT101775	45%	99.4%	95.4%
EFA201975	PAE204236	44%	99.4%	94.0%
EFA201975	PPU104534	44%	99.4%	94.0%
EFA201975	PSY100281	38%	48.4%	91.5%
EFA201975	SPA104314	45%	99.4%	95.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201975	STY101828	45%	99.4%	95.4%
EFA201975	SAU802224	71%	100%	100%
EFA201975	SEP202059	71%	100%	100%
EFA201975	SHA100502	71%	100%	100%
EFA201975	SMU100586	68%	99.7%	99.7%
EFA201975	SPN400215	69%	99.0%	99.4%
EFA201975	SPY200063	68%	99.7%	99.7%
EFA201975	TPA100210	40%	99.0%	91.7%
EFA201975	UUR100259	39%	99.0%	97.9%
EFA201975	VCH102534	43%	99.4%	95.5%
EFA201975	YPS002493	45%	99.4%	95.4%
EFA201976	ABA100127	61%	98.4%	99.2%
EFA201976	BAN102381	78%	100%	100%
EFA201976	BAN110714	83%	100%	100%
EFA201976	BFR10424	57%	100%	100%
EFA201976	BPT100894	61%	93.8%	91.0%
EFA201976	BBU100500	53%	99.2%	95.5%
EFA201976	BCE109619	62%	99.2%	94.7%
EFA201976	BFU101594	64%	99.2%	94.0%
EFA201976	BMA109746	63%	99.2%	94.7%
EFA201976	CJU101499	61%	100%	100%
EFA201976	CPN200118	60%	99.2%	96.2%
EFA201976	CTR200784	59%	97.7%	95.5%
EFA201976	CAC100574	80%	96.9%	95.4%
EFA201976	CBO101814	76%	96.9%	94.7%
EFA201976	CDF101597	77%	97.7%	96.2%
EFA201976	CDP100018	71%	95.3%	91.8%
EFA201976	EBC103656	59%	100%	100%
EFA201976	EFA201976	100%	100%	100%
EFA201976	EFM200112	93%	100%	100%
EFA201976	ECO103220	59%	100%	100%
EFA201976	HIN100781	62%	100%	100%
EFA201976	HPY101277	61%	100%	100%
EFA201976	KPN300701	59%	100%	100%
EFA201976	LMO102707	87%	100%	100%
EFA201976	MCA100424	61%	100%	100%
EFA201976	MAV101012	70%	99.2%	94.2%
EFA201976	MBV100327	68%	99.2%	92.1%
EFA201976	MLP101196	72%	93.8%	87.7%
EFA201976	MTU203412	69%	99.2%	92.1%
EFA201976	MGE100179	43%	87.6%	86.3%
EFA201976	MPN100641	48%	92.2%	98.3%
EFA201976	NGO100889	59%	93.8%	92.4%
EFA201976	NME200099	59%	93.8%	92.4%
EFA201976	PMU101392	63%	100%	100%
EFA201976	PRT105644	59%	100%	100%
EFA201976	PAE204238	60%	100%	100%
EFA201976	PPU104532	59%	100%	100%
EFA201976	PSY106472	59%	100%	100%
EFA201976	SPA104318	58%	99.2%	100%
EFA201976	STY101826	60%	100%	100%
EFA201976	SAU802225	85%	100%	100%
EFA201976	SEP200240	85%	100%	100%
EFA201976	SHA100501	85%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201976	SMU100588	86%	96.9%	98.4%
EFA201976	SPN400214	84%	96.9%	98.4%
EFA201976	SPY200062	87%	96.9%	98.4%
EFA201976	TPA100209	60%	96.1%	98.4%
EFA201976	UUR100258	56%	92.2%	98.3%
EFA201976	VCH102536	60%	100%	100%
EFA201976	YPS002491	59%	100%	100%
EFA201977	ABA100126	62%	95.9%	97.5%
EFA201977	BAN113421	85%	33.9%	100%
EFA201977	BAN112977	76%	100%	100%
EFA201977	BFR10423	61%	98.3%	95.2%
EFA201977	BPT100893	53%	100%	100%
EFA201977	BBU100499	52%	99.2%	96.8%
EFA201977	BCE106205	52%	100%	100%
EFA201977	BFU100384	52%	100%	100%
EFA201977	BMA110016	53%	100%	100%
EFA201977	CJU101498	59%	98.3%	99.2%
EFA201977	CPN200117	50%	100%	100%
EFA201977	CTR200785	51%	100%	100%
EFA201977	CAC101837	65%	100%	99.2%
EFA201977	CBO102219	63%	100%	99.2%
EFA201977	CDF103596	61%	100%	99.2%
EFA201977	CDP100016	62%	100%	100%
EFA201977	EBC103659	59%	95.9%	98.3%
EFA201977	EFA201977	100%	100%	100%
EFA201977	EFM200415	91%	100%	100%
EFA201977	ECO103221	58%	95.9%	98.3%
EFA201977	HIN100780	60%	90.9%	90.2%
EFA201977	HPY101278	57%	98.3%	100%
EFA201977	KPN300700	57%	81.8%	98.0%
EFA201977	LMO102428	79%	100%	100%
EFA201977	MCA100423	62%	95.9%	98.3%
EFA201977	MAV101014	61%	100%	98.4%
EFA201977	MBV100329	62%	100%	98.4%
EFA201977	MLP101197	63%	100%	98.4%
EFA201977	MTU203413	62%	100%	98.4%
EFA201977	MGE100178	59%	99.2%	96.8%
EFA201977	MPN100642	57%	99.2%	96.8%
EFA201977	NGO100891	57%	99.2%	100%
EFA201977	NME200100	57%	99.2%	100%
EFA201977	PMU101393	61%	95.9%	98.3%
EFA201977	PRT100020	56%	88.4%	98.2%
EFA201977	PAE204239	62%	95.9%	98.3%
EFA201977	PPU104531	59%	95.9%	98.3%
EFA201977	PSY105783	60%	61.2%	97.4%
EFA201977	SPA104321	58%	95.9%	98.3%
EFA201977	STY101825	58%	95.9%	98.3%
EFA201977	SAU802226	75%	100%	100%
EFA201977	SEP200241	72%	100%	100%
EFA201977	SHA100500	73%	100%	100%
EFA201977	SMU100590	80%	100%	100%
EFA201977	SPN400213	80%	100%	100%
EFA201977	SPY200061	78%	100%	100%
EFA201977	TPA100208	59%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201977	UUR100257	64%	99.2%	97.0%
EFA201977	VCH102537	60%	95.9%	98.3%
EFA201977	YPS002490	56%	95.9%	98.3%
EFA201978	ABA102578	45%	99.5%	100%
EFA201978	BAN108855	53%	98.6%	98.2%
EFA201978	BAN106781	61%	98.6%	98.1%
EFA201978	BFR10586	38%	99.1%	98.4%
EFA201978	BPT101280	49%	86.6%	83.5%
EFA201978	BBU100416	39%	98.6%	98.1%
EFA201978	BCE114693	53%	86.6%	82.7%
EFA201978	BFU106856	52%	86.6%	82.4%
EFA201978	BMA102106	53%	86.6%	82.7%
EFA201978	CJU100600	33%	97.2%	94.3%
EFA201978	CPN200508	39%	97.2%	95.8%
EFA201978	CTR200398	33%	99.1%	87.4%
EFA201978	CAC102891	48%	99.5%	99.5%
EFA201978	CBO103787	53%	98.6%	98.1%
EFA201978	CDF102350	51%	96.8%	94.1%
EFA201978	CDP100003	40%	93.1%	93.4%
EFA201978	EBC103984	44%	98.6%	99.5%
EFA201978	EFA201978	100%	100%	100%
EFA201978	EFM200623	86%	99.5%	100%
EFA201978	ECO100465	45%	98.6%	99.5%
EFA201978	HIN100331	46%	98.6%	99.5%
EFA201978	HPY100611	30%	97.2%	94.8%
EFA201978	KPN303865	44%	98.6%	99.5%
EFA201978	LPN102084	45%	99.1%	99.5%
EFA201978	LMO102187	64%	98.6%	98.6%
EFA201978	MCA101231	45%	98.6%	98.6%
EFA201978	MAV102071	42%	95.8%	95.6%
EFA201978	MBV101628	40%	95.8%	95.6%
EFA201978	MLP101114	39%	95.8%	95.6%
EFA201978	MTU200730	40%	95.8%	95.6%
EFA201978	MGE100174	34%	97.2%	95.8%
EFA201978	MPN100646	32%	97.2%	96.3%
EFA201978	NGO100911	47%	96.8%	97.2%
EFA201978	NME200954	48%	96.8%	97.2%
EFA201978	PMU100284	44%	98.6%	99.5%
EFA201978	PRT104973	44%	98.6%	99.5%
EFA201978	PAE203684	48%	87.5%	85.6%
EFA201978	PPU107935	49%	87.5%	85.2%
EFA201978	PSY104919	45%	72.2%	83.0%
EFA201978	SPA100230	45%	88.0%	79.7%
EFA201978	STY100842	43%	98.6%	99.5%
EFA201978	STM100555	43%	98.6%	99.5%
EFA201978	SAU802229	64%	99.1%	99.1%
EFA201978	SEP200243	63%	99.1%	99.1%
EFA201978	SHA100179	63%	99.5%	99.1%
EFA201978	SMU100597	60%	98.6%	98.1%
EFA201978	SPN400210	59%	98.6%	98.1%
EFA201978	SPY200058	61%	99.5%	99.1%
EFA201978	TPA100588	42%	94.9%	94.3%
EFA201978	UUR100253	32%	100%	99.5%
EFA201978	VCH100969	48%	98.6%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201978	YPS001716	44%	98.6%	99.5%
EFA201979	ABA100105	37%	96.5%	92.0%
EFA201979	BAN100422	46%	52.8%	97.0%
EFA201979	BAN100831	37%	98.6%	98.4%
EFA201979	BAN109756	48%	100%	99.5%
EFA201979	BAN106840	51%	100%	100%
EFA201979	BFR12413	37%	98.6%	94.9%
EFA201979	BPT100873	40%	98.8%	95.7%
EFA201979	BBU100497	35%	97.5%	95.6%
EFA201979	BCE109015	39%	95.8%	97.4%
EFA201979	BFU100380	38%	98.8%	95.1%
EFA201979	BMA107419	39%	95.8%	97.4%
EFA201979	CJU101592	36%	95.6%	97.1%
EFA201979	CPN200116	32%	97.7%	95.5%
EFA201979	CTR200786	33%	99.1%	97.8%
EFA201979	CAC102097	38%	100%	100%
EFA201979	CBO103220	37%	99.5%	99.8%
EFA201979	CDF103985	41%	99.5%	99.8%
EFA201979	CDP100001	40%	97.9%	98.4%
EFA201979	EBC103637	40%	97.2%	94.4%
EFA201979	EFA201979	100%	100%	100%
EFA201979	EFM200235	83%	99.5%	99.8%
EFA201979	ECO103223	40%	97.2%	94.4%
EFA201979	HIN100778	36%	97.2%	94.3%
EFA201979	HPY101282	35%	96.1%	97.6%
EFA201979	KPN300616	39%	78.5%	95.2%
EFA201979	LPN101432	38%	84.5%	98.4%
EFA201979	LMO101544	55%	99.5%	99.8%
EFA201979	MCA100141	36%	96.5%	93.4%
EFA201979	MAV102070	41%	98.1%	95.8%
EFA201979	MBV101627	39%	99.5%	99.8%
EFA201979	MLP101115	40%	99.5%	99.8%
EFA201979	MTU200729	39%	99.5%	99.8%
EFA201979	MGE100173	35%	98.6%	89.5%
EFA201979	MPN100647	35%	98.6%	89.1%
EFA201979	NGO100896	37%	96.5%	94.0%
EFA201979	NME200103	37%	96.5%	94.0%
EFA201979	PMU101395	38%	97.2%	94.3%
EFA201979	PRT100561	50%	35.2%	95.6%
EFA201979	PAE204241	38%	97.7%	94.1%
EFA201979	PPU112340	37%	97.7%	93.9%
EFA201979	PSY100299	37%	97.7%	93.7%
EFA201979	SPA104324	40%	95.6%	96.0%
EFA201979	STY101824	40%	97.2%	94.4%
EFA201979	SAU802230	46%	99.3%	99.3%
EFA201979	SEP200245	47%	99.3%	99.3%
EFA201979	SHA100178	43%	85.4%	98.9%
EFA201979	SMU100598	62%	99.5%	98.8%
EFA201979	SPN400209	60%	99.8%	99.1%
EFA201979	SPY200057	62%	99.3%	98.6%
EFA201979	TPA100206	36%	97.2%	92.9%
EFA201979	UUR100252	31%	98.4%	92.4%
EFA201979	VCH102539	36%	97.7%	94.8%
EFA201979	YPS002488	40%	97.2%	94.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201980	ABA100106	47%	98.6%	97.9%
EFA201980	BAN100388	63%	100%	100%
EFA201980	BAN101282	78%	100%	100%
EFA201980	BFR100671	50%	97.9%	98.0%
EFA201980	BPT100871	51%	97.9%	97.3%
EFA201980	BBU100496	49%	96.6%	97.2%
EFA201980	BCE108533	51%	97.3%	97.9%
EFA201980	BFU100391	52%	97.3%	97.9%
EFA201980	BMA101533	52%	97.3%	97.9%
EFA201980	CJU101593	42%	81.5%	89.2%
EFA201980	CPN200115	38%	81.5%	84.0%
EFA201980	CTR200787	43%	86.3%	88.9%
EFA201980	CAC101804	67%	100%	100%
EFA201980	CBO103582	69%	100%	100%
EFA201980	CDF100735	65%	100%	98%
EFA201980	CDP101730	51%	97.9%	95.3%
EFA201980	EBC103640	50%	98.6%	99.3%
EFA201980	EFA201980	100%	100%	100%
EFA201980	EFM201975	93%	100%	100%
EFA201980	ECO103224	52%	98.6%	99.3%
EFA201980	HIN100777	52%	98.6%	99.3%
EFA201980	HPY101283	38%	91.8%	98.5%
EFA201980	KPN300615	49%	95.2%	99.3%
EFA201980	LPN100259	45%	98.6%	99.3%
EFA201980	LMO102003	78%	100%	100%
EFA201980	MCA100140	47%	98.6%	97.9%
EFA201980	MAV102081	52%	97.9%	96.6%
EFA201980	MBV101609	49%	97.3%	95.9%
EFA201980	MLP101118	52%	97.9%	96.6%
EFA201980	MTU200720	51%	97.3%	95.9%
EFA201980	MGE100172	42%	100%	99.3%
EFA201980	MPN100648	38%	100%	98.7%
EFA201980	NGO100899	46%	99.3%	100%
EFA201980	NME200104	47%	99.3%	100%
EFA201980	PMU101396	49%	98.6%	99.3%
EFA201980	PRT103332	47%	98.6%	99.3%
EFA201980	PAE204242	45%	98.6%	99.3%
EFA201980	PPU104529	47%	98.6%	99.3%
EFA201980	PSY107337	49%	98.6%	99.3%
EFA201980	SPA104326	52%	98.6%	99.3%
EFA201980	STY101823	52%	98.6%	99.3%
EFA201980	SAU802231	78%	100%	100%
EFA201980	SEP200247	78%	100%	100%
EFA201980	SHA100093	79%	58.9%	100%
EFA201980	SMU100599	83%	100%	100%
EFA201980	SPN400208	87%	100%	100%
EFA201980	SPY200056	84%	100%	100%
EFA201980	TPA100205	50%	97.9%	94.1%
EFA201980	UUR100251	47%	100%	99.3%
EFA201980	VCH102540	50%	98.6%	99.3%
EFA201980	YPS002485	50%	98.6%	99.3%
EFA201981	ABA100109	55%	94.0%	94.5%
EFA201981	BAN111381	78%	97.6%	98.2%
EFA201981	BAN112822	79%	98.2%	98.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201981	BFR10783	53%	94.0%	90.7%
EFA201981	BPT100869	51%	94.0%	91.2%
EFA201981	BBU100494	52%	100%	100%
EFA201981	BCE102110	50%	77.7%	94.9%
EFA201981	BFU100390	50%	99.4%	95.9%
EFA201981	BMA101481	51%	99.4%	97.6%
EFA201981	CJU101594	61%	83.7%	94.6%
EFA201981	CPN200114	43%	94.6%	95.2%
EFA201981	CTR200788	46%	91.0%	92.1%
EFA201981	CAC100146	68%	98.2%	98.8%
EFA201981	CBO100463	65%	98.2%	98.8%
EFA201981	CDF100733	68%	98.2%	96.4%
EFA201981	CDP101728	62%	91.6%	73.1%
EFA201981	EBC103648	54%	100%	100%
EFA201981	EFA201981	100%	100%	100%
EFA201981	EFM200438	97%	100%	100%
EFA201981	ECO103226	54%	100%	99.4%
EFA201981	HIN100775	56%	94.6%	94.6%
EFA201981	HPY101284	61%	83.7%	90.8%
EFA201981	KPN300491	54%	100%	99.4%
EFA201981	LPN100995	52%	96.4%	95.2%
EFA201981	LMO101368	77%	98.2%	97.6%
EFA201981	MCA100160	54%	94.0%	94.5%
EFA201981	MAV102079	59%	91.6%	67.6%
EFA201981	MBV101605	60%	91.6%	69.1%
EFA201981	MLP101120	60%	88.0%	67.3%
EFA201981	MTU200718	60%	91.6%	69.1%
EFA201981	MGE100171	47%	93.4%	73.5%
EFA201981	MPN100649	47%	93.4%	70.8%
EFA201981	NGO100919	50%	94.0%	90.7%
EFA201981	NME200106	50%	94.0%	90.7%
EFA201981	PMU101398	53%	100%	100%
EFA201981	PRT100558	53%	100%	100%
EFA201981	PAE204244	52%	92.2%	92.2%
EFA201981	PPU104527	51%	91.6%	91.6%
EFA201981	PSY105833	50%	92.2%	92.2%
EFA201981	SPA104328	54%	100%	99.4%
EFA201981	STY101822	54%	100%	99.4%
EFA201981	SAU802233	72%	93.4%	93.4%
EFA201981	SEP200249	73%	93.4%	93.4%
EFA201981	SHA100091	73%	93.4%	93.4%
EFA201981	SMU100600	84%	94.0%	95.1%
EFA201981	SPN400206	84%	94.0%	95.1%
EFA201981	SPY200054	85%	94.0%	95.1%
EFA201981	TPA100204	52%	94.6%	91.3%
EFA201981	UUR100250	55%	92.2%	75.9%
EFA201981	VCH102542	52%	93.4%	92.8%
EFA201981	YPS002482	53%	100%	99.4%
EFA201982	ABA100110	46%	95.8%	98.3%
EFA201982	BAN106991	70%	100%	100%
EFA201982	BFR100058	55%	74.6%	100%
EFA201982	BPT100868	47%	95.8%	99.2%
EFA201982	BBU100493	39%	97.5%	95.8%
EFA201982	BCE113907	44%	95.8%	99.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201982	BFU100389	43%	95.8%	99.2%
EFA201982	BMA109275	44%	95.8%	99.2%
EFA201982	CJU101595	43%	89.8%	88.1%
EFA201982	CPN200113	43%	94.9%	94.3%
EFA201982	CTR200789	43%	94.9%	94.3%
EFA201982	CAC102283	65%	95.8%	98.3%
EFA201982	CBO100811	59%	100%	97.5%
EFA201982	CDF103929	59%	100%	100%
EFA201982	CDP101725	55%	91.5%	81.5%
EFA201982	EBC103652	50%	95.8%	99.1%
EFA201982	EFA201982	100%	100%	100%
EFA201982	EFM200146	93%	100%	100%
EFA201982	ECO103227	50%	95.8%	99.1%
EFA201982	HIN100774	47%	95.8%	99.1%
EFA201982	HPY101285	41%	93.2%	90.8%
EFA201982	KPN300490	50%	95.8%	99.1%
EFA201982	LPN101342	42%	95.8%	99.2%
EFA201982	LMO102391	74%	100%	100%
EFA201982	MCA100159	49%	95.8%	98.3%
EFA201982	MAV102077	50%	92.4%	82.2%
EFA201982	MBV101604	52%	92.4%	91.0%
EFA201982	MLP101121	50%	92.4%	91.7%
EFA201982	MTU200717	52%	92.4%	91.0%
EFA201982	MGE100170	42%	94.9%	98.3%
EFA201982	MPN100650	39%	94.9%	97.4%
EFA201982	NGO100921	52%	95.8%	99.1%
EFA201982	NME200107	52%	95.8%	99.1%
EFA201982	PMU101399	48%	95.8%	99.1%
EFA201982	PRT100557	51%	95.8%	99.1%
EFA201982	PAE204245	51%	94.9%	97.4%
EFA201982	PPU104526	52%	95.8%	98.3%
EFA201982	PSY105780	56%	78.0%	95.9%
EFA201982	SPA104494	44%	95.8%	99.1%
EFA201982	STY101821	50%	95.8%	99.1%
EFA201982	SAU802234	68%	100%	100%
EFA201982	SEP200251	67%	100%	100%
EFA201982	SHA100055	65%	100%	100%
EFA201982	SMU100601	82%	100%	100%
EFA201982	SPN400205	82%	100%	100%
EFA201982	SPY200053	80%	100%	100%
EFA201982	TPA100203	45%	95.8%	95%
EFA201982	UUR100249	43%	91.5%	88.4%
EFA201982	VCH102543	46%	95.8%	99.1%
EFA201982	YPS002455	49%	95.8%	99.1%
EFA201983	ABA100111	45%	98.3%	98.9%
EFA201983	BAN102950	59%	98.3%	99.4%
EFA201983	BAN110172	63%	100%	100%
EFA201983	BFR10781	42%	98.9%	97.9%
EFA201983	BPT100867	49%	98.3%	98.9%
EFA201983	BBU100492	42%	99.4%	98.3%
EFA201983	BCE105068	46%	98.3%	98.9%
EFA201983	BFU100388	48%	98.3%	98.9%
EFA201983	BMA103347	46%	98.3%	98.9%
EFA201983	CJU101596	45%	100%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201983	CPN200112	45%	100%	97.8%
EFA201983	CTR200790	49%	100%	97.8%
EFA201983	CAC101071	56%	100%	100%
EFA201983	CBO102597	58%	100%	99.4%
EFA201983	CDF100753	58%	100%	99.4%
EFA201983	CDP101722	49%	100%	100%
EFA201983	EBC103655	48%	98.3%	98.9%
EFA201983	EFA201983	100%	100%	100%
EFA201983	EFM201241	88%	100%	100%
EFA201983	ECO103228	48%	98.3%	98.9%
EFA201983	HIN100773	49%	98.3%	98.9%
EFA201983	HPY101286	39%	100%	99.4%
EFA201983	KPN300489	60%	18.5%	94.3%
EFA201983	LPN100869	45%	98.3%	98.9%
EFA201983	LMO102101	72%	100%	100%
EFA201983	MCA100158	48%	98.3%	98.9%
EFA201983	MAV102075	46%	100%	100%
EFA201983	MBV101643	48%	100%	100%
EFA201983	MLP101122	48%	100%	100%
EFA201983	MTU200716	48%	100%	100%
EFA201983	MGE100169	43%	100%	98.4%
EFA201983	MPN100651	43%	100%	98.4%
EFA201983	NGO100923	48%	98.3%	98.9%
EFA201983	NME200108	49%	98.3%	98.9%
EFA201983	PMU101400	49%	98.3%	98.9%
EFA201983	PRT100556	51%	98.3%	98.9%
EFA201983	PAE204246	49%	98.3%	98.9%
EFA201983	PPU104525	49%	98.3%	98.9%
EFA201983	PSY100295	48%	98.3%	98.9%
EFA201983	SPA104330	48%	98.3%	98.9%
EFA201983	STY101820	48%	98.3%	98.9%
EFA201983	SAU802235	63%	100%	100%
EFA201983	SEP200253	62%	100%	100%
EFA201983	SHA100054	72%	59.6%	99.1%
EFA201983	SMU100602	73%	100%	100%
EFA201983	SPN400204	74%	100%	100%
EFA201983	SPY200052	71%	100%	100%
EFA201983	TPA100202	46%	99.4%	98.9%
EFA201983	UUR100248	42%	98.9%	97.3%
EFA201983	VCH102544	51%	98.3%	98.9%
EFA201983	YPS002454	49%	98.3%	98.9%
EFA201984	ABA100112	49%	99.2%	99.2%
EFA201984	BAN113611	80%	98.5%	95.6%
EFA201984	BAN101892	81%	100%	100%
EFA201984	BFR10780	54%	98.5%	100%
EFA201984	BPT100866	48%	99.2%	99.2%
EFA201984	BBU100491	43%	100%	100%
EFA201984	BCE101537	50%	99.2%	99.2%
EFA201984	BFU100387	49%	99.2%	99.2%
EFA201984	BMA101128	51%	99.2%	99.2%
EFA201984	CJU101597	42%	99.2%	100%
EFA201984	CPN200111	45%	97.7%	97.0%
EFA201984	CTR200791	45%	99.2%	98.5%
EFA201984	CAC102421	62%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201984	CBO102964	61%	100%	100%
EFA201984	CDF100752	67%	100%	100%
EFA201984	CDP101719	55%	100%	100%
EFA201984	EBC103658	48%	99.2%	99.2%
EFA201984	EFA201984	100%	100%	100%
EFA201984	EFM200970	95%	100%	100%
EFA201984	ECO103229	48%	99.2%	99.2%
EFA201984	HIN100772	47%	99.2%	99.2%
EFA201984	HPY101287	41%	99.2%	100%
EFA201984	KPN300573	48%	87.1%	98.3%
EFA201984	LPN100471	45%	99.2%	99.2%
EFA201984	LMO100791	83%	100%	100%
EFA201984	MCA100157	47%	99.2%	99.2%
EFA201984	MAV102073	56%	100%	100%
EFA201984	MBV101642	56%	100%	100%
EFA201984	MLP101123	56%	100%	100%
EFA201984	MTU200715	56%	100%	100%
EFA201984	MGE100168	48%	97.0%	92.2%
EFA201984	MPN100652	50%	97.0%	91.5%
EFA201984	NGO100925	47%	99.2%	99.2%
EFA201984	NME200109	47%	99.2%	99.2%
EFA201984	PMU101401	45%	99.2%	99.2%
EFA201984	PRT100555	47%	99.2%	99.2%
EFA201984	PAE204247	46%	100%	100%
EFA201984	PPU108197	44%	100%	100%
EFA201984	PSY108276	45%	100%	100%
EFA201984	SPA104332	48%	99.2%	99.2%
EFA201984	STY101809	48%	99.2%	99.2%
EFA201984	SAU802236	78%	100%	100%
EFA201984	SEP200255	80%	100%	100%
EFA201984	SHA101609	76%	72.7%	100%
EFA201984	SMU100603	78%	100%	100%
EFA201984	SPN400203	81%	100%	100%
EFA201984	SPY200051	84%	100%	100%
EFA201984	TPA100201	49%	100%	100%
EFA201984	UUR100247	48%	97.0%	97.7%
EFA201984	VCH102545	45%	99.2%	99.2%
EFA201984	YPS002453	52%	99.2%	99.2%
EFA201985	ABA100107	58%	85.5%	100%
EFA201985	BAN113536	72%	100%	100%
EFA201985	BAN110693	82%	100%	100%
EFA201985	BFR10778	54%	97.8%	94.1%
EFA201985	BPT100865	55%	99.4%	99.4%
EFA201985	BBU100489	59%	97.2%	95.6%
EFA201985	BCE101479	58%	99.4%	99.4%
EFA201985	BFU100385	60%	99.4%	99.4%
EFA201985	BMA102975	58%	99.4%	99.4%
EFA201985	CJU101599	51%	100%	98.9%
EFA201985	CPN200110	50%	100%	98.9%
EFA201985	CTR200792	53%	100%	98.9%
EFA201985	CAC100782	68%	97.8%	97.2%
EFA201985	CBO103765	66%	100%	99.4%
EFA201985	CDF100751	70%	99.4%	98.9%
EFA201985	CDP101582	59%	98.9%	94.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201985	EBC103664	59%	100%	100%
EFA201985	EFA201985	100%	100%	100%
EFA201985	EFM200921	95%	100%	100%
EFA201985	ECO103231	60%	100%	100%
EFA201985	HIN100770	58%	100%	100%
EFA201985	HPY101289	51%	98.3%	97.2%
EFA201985	KPN300575	63%	79.3%	100%
EFA201985	LPN102846	52%	41.3%	93.7%
EFA201985	LMO101852	82%	100%	100%
EFA201985	MCA100155	55%	99.4%	100%
EFA201985	MAV102069	59%	98.9%	94.7%
EFA201985	MBV101640	58%	98.9%	94.7%
EFA201985	MLP101125	58%	98.9%	94.7%
EFA201985	MTU200713	58%	98.9%	94.7%
EFA201985	MGE100166	54%	100%	99.4%
EFA201985	MPN100654	56%	100%	99.4%
EFA201985	NGO100929	55%	99.4%	99.4%
EFA201985	NME200111	55%	99.4%	99.4%
EFA201985	PMU101403	59%	100%	100%
EFA201985	PRT100553	58%	100%	94.2%
EFA201985	PAE204249	58%	99.4%	99.4%
EFA201985	PPU104523	56%	99.4%	99.4%
EFA201985	PSY100243	60%	46.4%	98.8%
EFA201985	SPA104334	59%	100%	100%
EFA201985	STY101807	59%	100%	100%
EFA201985	SAU802238	83%	100%	100%
EFA201985	SEP200260	82%	100%	100%
EFA201985	SHA100780	82%	100%	100%
EFA201985	SMU100604	84%	99.4%	98.9%
EFA201985	SPN400201	82%	99.4%	98.9%
EFA201985	SPY200049	83%	99.4%	98.9%
EFA201985	TPA100199	53%	98.3%	95.1%
EFA201985	UUR100245	59%	98.3%	95.7%
EFA201985	VCH102547	59%	100%	100%
EFA201985	YPS002451	58%	100%	100%
EFA201986	ABA102167	64%	93.4%	99.1%
EFA201986	BAN108009	91%	100%	100%
EFA201986	BFR100659	64%	100%	100%
EFA201986	BPT100864	62%	100%	100%
EFA201986	BBU100487	58%	100%	98.4%
EFA201986	BCE113728	68%	100%	100%
EFA201986	BFU100381	68%	100%	100%
EFA201986	BMA101057	68%	100%	100%
EFA201986	CJU101601	68%	100%	100%
EFA201986	CPN200108	59%	100%	100%
EFA201986	CTR200794	61%	100%	100%
EFA201986	CAC101685	76%	100%	100%
EFA201986	CBO100636	80%	100%	100%
EFA201986	CDF102312	83%	100%	100%
EFA201986	CDP101578	80%	100%	100%
EFA201986	EBC103643	63%	100%	100%
EFA201986	EFA201986	100%	100%	100%
EFA201986	EFM201996	96%	100%	100%
EFA201986	ECO103233	62%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201986	HIN100768	65%	100%	100%
EFA201986	HPY101291	63%	100%	100%
EFA201986	KPN305016	65%	66.4%	98.8%
EFA201986	LMO100716	94%	100%	100%
EFA201986	MCA100153	64%	100%	100%
EFA201986	MAV102065	77%	100%	100%
EFA201986	MBV101638	77%	100%	100%
EFA201986	MLP101127	74%	92.6%	100%
EFA201986	MTU200711	77%	100%	100%
EFA201986	MGE100164	59%	100%	100%
EFA201986	MPN100656	59%	100%	100%
EFA201986	NGO100934	63%	100%	100%
EFA201986	NME200113	63%	100%	100%
EFA201986	PMU101405	65%	100%	100%
EFA201986	PRT103251	60%	97.5%	100%
EFA201986	PAE204251	66%	100%	100%
EFA201986	PPU108200	66%	100%	100%
EFA201986	PSY100106	66%	100%	100%
EFA201986	SPA104303	63%	100%	100%
EFA201986	STY101805	63%	100%	100%
EFA201986	SAU802240	90%	100%	100%
EFA201986	SEP200262	89%	100%	100%
EFA201986	SHA100778	90%	100%	85.3%
EFA201986	SMU100606	93%	100%	100%
EFA201986	SPN400199	90%	100%	100%
EFA201986	SPY200047	89%	100%	100%
EFA201986	TPA100197	63%	100%	100%
EFA201986	UUR100243	60%	100%	100%
EFA201986	VCH102549	62%	100%	100%
EFA201986	YPS002449	64%	100%	100%
EFA201987	ABA100087	51%	81.2%	98.3%
EFA201987	BAN105442	81%	99.3%	99.3%
EFA201987	BFR12478	56%	94.4%	94.4%
EFA201987	BPT104060	52%	93.1%	97.1%
EFA201987	BBU100484	57%	95.1%	99.3%
EFA201987	BCE110254	53%	93.8%	97.8%
EFA201987	BFU100274	53%	93.8%	97.8%
EFA201987	BMA108797	53%	93.8%	97.8%
EFA201987	CJU101604	59%	93.8%	95.7%
EFA201987	CPN200105	54%	94.4%	98.6%
EFA201987	CTR200797	54%	94.4%	98.6%
EFA201987	CAC102622	62%	100%	100%
EFA201987	CBO103643	65%	100%	100%
EFA201987	CDF100749	64%	97.2%	100%
EFA201987	CDP101572	56%	50.7%	97.3%
EFA201987	EBC103654	53%	95.1%	100%
EFA201987	EFA201987	100%	100%	100%
EFA201987	EFM200770	95%	100%	100%
EFA201987	ECO103236	53%	95.1%	100%
EFA201987	HIN100764	53%	95.1%	100%
EFA201987	HPY101294	53%	93.8%	95.7%
EFA201987	KPN300638	52%	86.8%	100%
EFA201987	LMO101423	90%	99.3%	99.3%
EFA201987	MCA100019	55%	95.1%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201987	MAV102093	52%	94.4%	98.6%
EFA201987	MBV101012	52%	94.4%	98.6%
EFA201987	MLP101130	54%	94.4%	98.6%
EFA201987	MTU200705	54%	94.4%	98.6%
EFA201987	MGE100161	51%	94.4%	98.6%
EFA201987	MPN100659	54%	95.1%	98.6%
EFA201987	NGO100936	51%	93.8%	97.8%
EFA201987	NME200116	51%	93.8%	97.8%
EFA201987	PMU101408	52%	95.1%	100%
EFA201987	PRT100078	54%	95.1%	100%
EFA201987	PAE204254	54%	95.1%	100%
EFA201987	PPU104518	52%	95.1%	100%
EFA201987	PSY103397	52%	95.1%	100%
EFA201987	SPA104307	53%	95.1%	100%
EFA201987	STY101803	53%	95.1%	100%
EFA201987	SAU802243	74%	99.3%	99.3%
EFA201987	SEP200265	74%	99.3%	99.3%
EFA201987	SHA100775	74%	99.3%	99.3%
EFA201987	SMU100608	94%	93.8%	98.5%
EFA201987	SPN400196	92%	93.8%	98.5%
EFA201987	SPY200044	91%	93.8%	98.5%
EFA201987	TPA100194	50%	92.4%	95.7%
EFA201987	UUR100240	56%	94.4%	98.6%
EFA201987	VCH102552	55%	95.1%	100%
EFA201987	YPS002443	56%	95.1%	100%
EFA201993	ABA100086	60%	95.0%	90.0%
EFA201993	BAN112122	76%	83.0%	100%
EFA201993	BAN102487	78%	100%	100%
EFA201993	BFR10672	57%	94.5%	84.4%
EFA201993	BPT100851	51%	95.0%	79.1%
EFA201993	BBU100483	46%	99.1%	75.1%
EFA201993	BCE110191	52%	95.0%	78.2%
EFA201993	BFU100273	52%	95.0%	90.8%
EFA201993	BMA108753	52%	95.0%	78.2%
EFA201993	CJU101605	54%	98.6%	92.7%
EFA201993	CPN200104	55%	94.0%	92.4%
EFA201993	CTR200798	54%	94.0%	92.0%
EFA201993	CAC103109	63%	98.6%	97.7%
EFA201993	CBO100517	63%	97.2%	96.0%
EFA201993	CDF100748	59%	96.3%	78.2%
EFA201993	CDP101570	54%	98.2%	84.0%
EFA201993	EBC103657	59%	95.0%	89.3%
EFA201993	EFA201993	100%	100%	100%
EFA201993	EFM201332	96%	100%	100%
EFA201993	ECO103237	59%	95.0%	89.3%
EFA201993	HIN100763	60%	95.0%	88.5%
EFA201993	HPY101295	52%	98.6%	92.3%
EFA201993	KPN300639	59%	95.0%	89.7%
EFA201993	LMO101810	84%	100%	100%
EFA201993	MCA100254	59%	95.0%	86.7%
EFA201993	MAV102092	54%	96.8%	75.7%
EFA201993	MBV101013	55%	96.8%	77.4%
EFA201993	MLP101131	55%	96.8%	75.4%
EFA201993	MTU200704	55%	96.8%	77.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201993	MGE100160	43%	94.5%	78.4%
EFA201993	MPN100660	42%	94.5%	76.9%
EFA201993	NGO100939	53%	98.2%	93.9%
EFA201993	NME200117	54%	98.2%	93.9%
EFA201993	PMU101409	59%	95.0%	88.5%
EFA201993	PRT103066	57%	100%	94.0%
EFA201993	PAE204255	61%	95.0%	91.2%
EFA201993	PPU104517	60%	95.0%	87.8%
EFA201993	PSY103396	60%	95.0%	91.2%
EFA201993	SPA104309	59%	95.0%	89.3%
EFA201993	STY101802	59%	95.0%	89.3%
EFA201993	SAU802244	77%	100%	100%
EFA201993	SEP200267	76%	100%	100%
EFA201993	SHA100774	77%	100%	100%
EFA201993	SMU100609	88%	100%	100%
EFA201993	SPN400195	87%	100%	100%
EFA201993	SPY200043	86%	100%	100%
EFA201993	TPA100193	50%	93.6%	83.8%
EFA201993	UUR100239	47%	96.3%	83.3%
EFA201993	VCH102553	58%	95.0%	89.3%
EFA201993	YPS002439	60%	95.0%	89.7%
EFA201997	ABA100084	69%	100%	100%
EFA201997	BAN101977	63%	98.9%	100%
EFA201997	BAN110916	78%	100%	100%
EFA201997	BFR104321	61%	96.7%	100%
EFA201997	BPT104048	68%	100%	100%
EFA201997	BBU100481	56%	100%	100%
EFA201997	BCE112635	69%	98.9%	100%
EFA201997	BFU104367	69%	98.9%	100%
EFA201997	BMA100281	69%	98.9%	100%
EFA201997	CJU101607	60%	96.7%	95.7%
EFA201997	CPN200102	59%	90.2%	94.3%
EFA201997	CTR200800	59%	90.2%	94.3%
EFA201997	CAC101096	65%	97.8%	96.8%
EFA201997	CBO102193	62%	98.9%	86.4%
EFA201997	CDF103424	67%	100%	98.9%
EFA201997	CDP101567	68%	100%	100%
EFA201997	EBC103663	66%	100%	100%
EFA201997	EFA201997	100%	100%	100%
EFA201997	EFM202484	93%	100%	100%
EFA201997	ECO103239	66%	100%	100%
EFA201997	HIN100761	68%	98.9%	100%
EFA201997	HPY101297	58%	96.7%	95.7%
EFA201997	KPN300699	66%	100%	100%
EFA201997	LMO100277	89%	100%	100%
EFA201997	MCA100252	65%	100%	100%
EFA201997	MAV102090	71%	100%	98.9%
EFA201997	MBV101015	70%	100%	98.9%
EFA201997	MLP101133	71%	100%	98.9%
EFA201997	MTU200702	70%	100%	98.9%
EFA201997	MGE100158	60%	93.5%	98.9%
EFA201997	MPN100662	61%	93.5%	98.9%
EFA201997	NGO102970	64%	100%	100%
EFA201997	NME200119	64%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201997	PMU101411	68%	98.9%	100%
EFA201997	PRT100323	68%	100%	100%
EFA201997	PAE204257	69%	100%	100%
EFA201997	PPU111002	69%	100%	100%
EFA201997	PSY101086	68%	100%	100%
EFA201997	SPA104313	66%	100%	100%
EFA201997	STY101800	66%	100%	100%
EFA201997	SAU802246	83%	100%	100%
EFA201997	SEP200271	83%	100%	100%
EFA201997	SHA100772	83%	100%	100%
EFA201997	SMU102869	89%	41.3%	95%
EFA201997	SPN400192	90%	100%	98.9%
EFA201997	SPY200041	90%	100%	100%
EFA201997	TPA100191	57%	100%	100%
EFA201997	UUR100237	60%	90.2%	94.3%
EFA201997	VCH102555	65%	100%	100%
EFA201997	YPS001864	67%	100%	100%
EFA201999	ABA100083	54%	100%	100%
EFA201999	BAN100305	77%	59.1%	100%
EFA201999	BFR10675	60%	100%	100%
EFA201999	BPT100850	57%	100%	100%
EFA201999	BBU100480	58%	100%	100%
EFA201999	BCE100228	60%	100%	99.6%
EFA201999	BFU100271	60%	100%	99.6%
EFA201999	BMA102202	60%	100%	99.6%
EFA201999	CJU101608	57%	99.3%	98.9%
EFA201999	CPN200101	52%	98.9%	99.3%
EFA201999	CTR200801	50%	98.9%	99.3%
EFA201999	CAC101509	67%	99.3%	98.9%
EFA201999	CBO101184	67%	99.3%	98.9%
EFA201999	CDF100747	65%	100%	100%
EFA201999	CDP101565	62%	99.3%	97.1%
EFA201999	EBC103628	58%	100%	100%
EFA201999	EFA201999	100%	100%	100%
EFA201999	EFM200310	94%	82.2%	98.7%
EFA201999	ECO103240	58%	100%	100%
EFA201999	HIN100760	57%	100%	100%
EFA201999	HPY101298	59%	99.3%	98.9%
EFA201999	KPN300698	58%	100%	100%
EFA201999	LMO100597	84%	100%	99.6%
EFA201999	MCA100251	56%	99.3%	98.5%
EFA201999	MAV102089	63%	99.3%	97.1%
EFA201999	MBV101016	63%	99.3%	97.1%
EFA201999	MLP101134	61%	99.3%	97.1%
EFA201999	MTU200701	63%	99.3%	97.1%
EFA201999	MGE100157	57%	99.3%	98.2%
EFA201999	MPN100663	53%	99.3%	98.3%
EFA201999	NGO101613	62%	99.3%	98.2%
EFA201999	NME200120	62%	99.3%	98.2%
EFA201999	PMU101412	58%	100%	100%
EFA201999	PRT100324	58%	100%	99.6%
EFA201999	PAE204258	56%	99.3%	99.6%
EFA201999	PPU104505	57%	99.3%	99.6%
EFA201999	PSY107059	57%	99.3%	99.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA201999	SPA104315	57%	100%	100%
EFA201999	STY101789	57%	100%	100%
EFA201999	SAU802247	78%	100%	99.6%
EFA201999	SEP200273	77%	100%	99.6%
EFA201999	SHA100771	78%	100%	99.6%
EFA201999	SPN400191	83%	100%	99.6%
EFA201999	SPY200040	84%	100%	99.6%
EFA201999	TPA100190	57%	99.3%	99.6%
EFA201999	UUR100236	59%	99.3%	99.6%
EFA201999	VCH102556	60%	100%	100%
EFA201999	YPS001863	59%	100%	99.6%
EFA202001	ABA100081	42%	90.3%	93%
EFA202001	BFR10676	44%	98.1%	98.6%
EFA202001	BPT100849	37%	95.2%	96.1%
EFA202001	BBU100478	39%	96.1%	96.2%
EFA202001	BCE103118	36%	97.6%	98.1%
EFA202001	BFU100270	34%	97.6%	98.1%
EFA202001	BMA104332	37%	62.3%	97.0%
EFA202001	CJU101610	36%	97.6%	98.0%
EFA202001	CPN200099	32%	96.6%	94.6%
EFA202001	CTR200803	33%	96.6%	94.6%
EFA202001	CAC100377	43%	100%	100%
EFA202001	CBO103307	44%	100%	100%
EFA202001	CDF100746	49%	100%	95.4%
EFA202001	CDP101562	39%	91.8%	88.0%
EFA202001	EBC101609	43%	91.8%	94.0%
EFA202001	EFA202001	100%	100%	100%
EFA202001	ECO103242	42%	92.3%	94.5%
EFA202001	HIN100758	42%	92.3%	95%
EFA202001	HPY101300	35%	77.8%	78.6%
EFA202001	KPN300696	41%	92.3%	94.5%
EFA202001	LMO102640	67%	100%	100%
EFA202001	MCA100249	44%	92.3%	95%
EFA202001	MAV102087	44%	91.3%	87.6%
EFA202001	MBV101018	43%	91.3%	85.2%
EFA202001	MLP101136	42%	91.8%	83.0%
EFA202001	MTU200699	43%	91.3%	85.2%
EFA202001	MGE100155	37%	99.5%	99.5%
EFA202001	MPN100665	39%	98.1%	98.1%
EFA202001	NGO101615	35%	93.7%	94.2%
EFA202001	NME200122	36%	93.7%	94.2%
EFA202001	PMU101414	42%	92.3%	95%
EFA202001	PRT103342	43%	93.2%	95.5%
EFA202001	PAE204260	44%	91.8%	94.5%
EFA202001	PPU104504	42%	91.8%	94.5%
EFA202001	PSY108736	42%	91.8%	94.5%
EFA202001	SPA104319	42%	92.3%	95%
EFA202001	STY101787	42%	92.3%	94.5%
EFA202001	SAU802249	61%	99.5%	99.5%
EFA202001	SEP200280	63%	100%	100%
EFA202001	SHA100769	61%	99.5%	99.5%
EFA202001	SMU101861	67%	15.0%	100%
EFA202001	SPN400189	73%	100%	100%
EFA202001	SPY200038	74%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202001	TPA100188	36%	96.1%	92.1%
EFA202001	UUR100234	38%	96.6%	96.2%
EFA202001	VCH102558	46%	92.3%	95%
EFA202001	YPS001862	43%	93.2%	95.5%
EFA202003	ABA100080	45%	45.9%	100%
EFA202003	BFR10677	52%	95.7%	98.5%
EFA202003	BPT100848	49%	98.1%	91.7%
EFA202003	BBU100477	50%	97.6%	99.0%
EFA202003	BCE112456	46%	100%	98.2%
EFA202003	BFU100269	45%	100%	97.3%
EFA202003	BMA106660	45%	100%	97.3%
EFA202003	CJU101611	34%	94.7%	96.9%
EFA202003	CPN200098	41%	95.2%	95.0%
EFA202003	CTR200804	41%	95.2%	94.1%
EFA202003	CAC103369	58%	99.5%	100%
EFA202003	CBO101061	59%	99.5%	96.8%
EFA202003	CDF100745	66%	98.1%	98.1%
EFA202003	CDP100915	54%	98.1%	95.0%
EFA202003	EBC101610	50%	98.1%	99.0%
EFA202003	EFA202003	100%	100%	100%
EFA202003	ECO103243	50%	98.1%	99.0%
EFA202003	HIN100757	49%	98.1%	99.0%
EFA202003	HPY101301	31%	90.4%	92.7%
EFA202003	KPN300695	48%	43.1%	100%
EFA202003	LMO102018	77%	100%	100%
EFA202003	MCA100248	48%	99.5%	100%
EFA202003	MAV102086	52%	98.1%	96.8%
EFA202003	MBV100990	50%	98.1%	96.8%
EFA202003	MLP101137	50%	98.1%	96.3%
EFA202003	MTU200698	50%	98.1%	96.8%
EFA202003	MGE100154	40%	98.1%	81.3%
EFA202003	MPN100666	38%	98.1%	72.8%
EFA202003	NGO101617	48%	99.0%	98.6%
EFA202003	NME200123	48%	99.0%	98.6%
EFA202003	PMU101415	50%	98.1%	99.0%
EFA202003	PRT102977	51%	98.1%	99.0%
EFA202003	PAE204261	51%	100%	99.5%
EFA202003	PPU111511	51%	100%	99.5%
EFA202003	PSY106254	51%	100%	94.6%
EFA202003	SPA104320	48%	98.1%	99.0%
EFA202003	STY101786	50%	98.1%	99.0%
EFA202003	SAU802250	64%	99.0%	98.2%
EFA202003	SEP200281	62%	99.0%	98.2%
EFA202003	SHA100768	62%	60.3%	96.9%
EFA202003	SMU100611	86%	99.5%	99.0%
EFA202003	SPN400188	87%	99.5%	99.0%
EFA202003	SPY200037	85%	99.5%	99.0%
EFA202003	TPA100187	41%	97.6%	97.6%
EFA202003	UUR100233	50%	98.1%	88.8%
EFA202003	VCH102559	53%	98.1%	99.0%
EFA202003	YPS001861	50%	98.1%	99.0%
EFA202006	ABA100233	75%	33.4%	98.5%
EFA202006	ABA100062	76%	99.5%	99.5%
EFA202006	BAN106076	82%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202006	BFR12122	73%	99.7%	99.7%
EFA202006	BPT100044	77%	100%	100%
EFA202006	BPT100847	77%	100%	100%
EFA202006	BBU100475	64%	100%	98.3%
EFA202006	BCE112288	67%	15.7%	100%
EFA202006	BCE106056	79%	51.9%	99.0%
EFA202006	BCE108906	77%	100%	100%
EFA202006	BFU100267	71%	36.5%	97.3%
EFA202006	BFU100847	76%	100%	100%
EFA202006	BMA107343	77%	95.9%	100%
EFA202006	BMA106305	77%	100%	100%
EFA202006	CJU100435	75%	100%	100%
EFA202006	CPN200689	69%	99.5%	99.5%
EFA202006	CTR200588	68%	99.7%	98.5%
EFA202006	CAC103049	76%	100%	100%
EFA202006	CBO100671	69%	10.9%	95.6%
EFA202006	CBO101209	78%	59.0%	100%
EFA202006	CBO101304	75%	99.5%	99.5%
EFA202006	CDF100547	75%	100%	96.1%
EFA202006	CDP100912	71%	100%	100%
EFA202006	EBC101615	74%	33.7%	99.3%
EFA202006	EBC100362	81%	47.6%	100%
EFA202006	EBC102891	76%	99.7%	99.7%
EFA202006	EFA202006	100%	100%	100%
EFA202006	EFM100161	81%	71.4%	100%
EFA202006	ECO103262	77%	99.7%	99.7%
EFA202006	ECO103878	77%	99.7%	99.7%
EFA202006	HIN100558	78%	100%	100%
EFA202006	HIN100613	78%	100%	100%
EFA202006	HPY101188	77%	100%	100%
EFA202006	KPN300520	80%	23.5%	100%
EFA202006	KPN300653	77%	80%	99.7%
EFA202006	KPN300869	77%	99.7%	99.7%
EFA202006	LMO102516	84%	100%	100%
EFA202006	MCA100162	76%	99.5%	99.5%
EFA202006	MAV102941	72%	100%	100%
EFA202006	MBV103318	72%	100%	100%
EFA202006	MLP101139	72%	100%	100%
EFA202006	MTU200682	72%	100%	100%
EFA202006	MGE100460	69%	100%	100%
EFA202006	MPN100177	70%	100%	100%
EFA202006	NGO101673	79%	99.7%	99.7%
EFA202006	NGO101620	79%	99.7%	99.7%
EFA202006	NME200128	80%	99.7%	99.7%
EFA202006	NME200143	80%	99.7%	99.7%
EFA202006	PMU101746	76%	100%	100%
EFA202006	PMU101357	77%	100%	100%
EFA202006	PRT100737	79%	24.6%	100%
EFA202006	PRT100321	78%	99.7%	99.7%
EFA202006	PAE204275	75%	100%	100%
EFA202006	PAE204263	75%	100%	100%
EFA202006	PPU104463	72%	77.0%	100%
EFA202006	PPU104501	72%	100%	100%
EFA202006	PSY107231	73%	99.7%	99.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202006	SPA104331	74%	39.5%	99.4%
EFA202006	SPA102798	77%	99.7%	99.7%
EFA202006	STY102689	77%	99.7%	99.7%
EFA202006	STY101782	77%	99.7%	99.7%
EFA202006	STM102043	77%	99.7%	99.7%
EFA202006	SAU800548	89%	100%	100%
EFA202006	SEP200072	89%	99.5%	99.5%
EFA202006	SHA101389	89%	100%	100%
EFA202006	SMU101538	77%	99.5%	99.5%
EFA202006	SPN401342	78%	99.5%	99.5%
EFA202006	SPY200441	77%	99.5%	99.5%
EFA202006	TPA100185	65%	99.7%	79.6%
EFA202006	UUR100528	71%	98.7%	98.7%
EFA202006	VCH100316	76%	99.7%	99.7%
EFA202006	VCH100357	76%	99.7%	99.7%
EFA202006	YPS000510	76%	100%	100%
EFA202006	YPS001855	76%	99.7%	99.7%
EFA202007	ABA100059	60%	87.9%	100%
EFA202007	BAN103750	78%	10.1%	95.9%
EFA202007	BAN113143	70%	76.6%	98.5%
EFA202007	BAN108186	79%	99.7%	98.9%
EFA202007	BFR12249	57%	62.8%	98.4%
EFA202007	BPT100846	61%	99.6%	99.9%
EFA202007	BBU100539	46%	98.1%	98.4%
EFA202007	BCE105443	62%	99.0%	99.3%
EFA202007	BFU104282	63%	99.0%	99.3%
EFA202007	BMA107083	63%	98.7%	86.5%
EFA202007	CJU100458	60%	99.7%	100%
EFA202007	CPN200199	58%	99.0%	99.6%
EFA202007	CTR200711	59%	99.0%	99.6%
EFA202007	CAC102763	64%	99.0%	99.4%
EFA202007	CBO100608	64%	98.7%	97.4%
EFA202007	CDF100548	67%	98.8%	99.4%
EFA202007	CDP100910	58%	99.1%	96.4%
EFA202007	EBC102893	60%	99.6%	99.9%
EFA202007	EFA202007	100%	100%	100%
EFA202007	EFM100881	27%	96.1%	96.5%
EFA202007	ECO103263	60%	99.6%	99.9%
EFA202007	HIN100559	61%	99.1%	99.4%
EFA202007	HPY101178	62%	99.7%	100%
EFA202007	KPN303651	62%	99.0%	99.1%
EFA202007	LMO102926	78%	99.9%	99.4%
EFA202007	MCA100232	60%	99.3%	98.9%
EFA202007	MAV102942	59%	98.8%	98.6%
EFA202007	MBV103317	59%	98.8%	98.6%
EFA202007	MLP101140	59%	98.8%	98.6%
EFA202007	MTU200681	59%	98.8%	98.6%
EFA202007	MGE100091	60%	99.0%	99.4%
EFA202007	MPN100604	60%	99.0%	99.4%
EFA202007	NGO101623	58%	99.7%	100%
EFA202007	NME200129	58%	99.7%	100%
EFA202007	PMU101356	61%	99.1%	99.4%
EFA202007	PRT100253	62%	99.1%	93.8%
EFA202007	PAE202069	61%	99.6%	99.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202007	PPU109182	61%	99.7%	99.9%
EFA202007	PSY103391	59%	93.9%	100%
EFA202007	SPA102789	57%	99.6%	99.9%
EFA202007	STY101781	59%	99.6%	99.9%
EFA202007	SAU800547	75%	99.7%	99.9%
EFA202007	SEP200071	74%	99.7%	99.9%
EFA202007	SMU100688	86%	100%	100%
EFA202007	SPN400250	86%	99.7%	99.7%
EFA202007	SPY200202	87%	99.7%	99.9%
EFA202007	TPA100759	43%	97.8%	97.4%
EFA202007	UUR100529	62%	99.0%	99.1%
EFA202007	VCH100356	63%	99.6%	100%
EFA202007	YPS001853	60%	99.6%	99.9%
EFA202012	ABA100128	46%	99.0%	100%
EFA202012	BAN103804	67%	99.0%	100%
EFA202012	BFR10425	46%	99.0%	100%
EFA202012	BPT100895	42%	99.0%	100%
EFA202012	BBU100614	37%	99.5%	99.0%
EFA202012	BCE103241	45%	99.0%	100%
EFA202012	BFU101595	45%	99.0%	100%
EFA202012	BMA100015	44%	99.0%	100%
EFA202012	CJU101500	51%	99.0%	100%
EFA202012	CPN200012	39%	93.6%	91.9%
EFA202012	CTR200903	40%	93.6%	91.9%
EFA202012	CAC102218	42%	99.0%	100%
EFA202012	CBO101434	46%	99.0%	100%
EFA202012	CDF103315	46%	86.7%	91.6%
EFA202012	CDP100020	48%	99.0%	100%
EFA202012	EBC103653	45%	99.0%	100%
EFA202012	EFA202012	100%	100%	100%
EFA202012	ECO103219	45%	99.0%	100%
EFA202012	HIN100782	47%	99.0%	100%
EFA202012	HPY101276	47%	99.0%	100%
EFA202012	KPN300702	45%	99.0%	100%
EFA202012	LMO100680	72%	99.0%	100%
EFA202012	MCA100425	45%	99.0%	100%
EFA202012	MAV101010	47%	99.0%	100%
EFA202012	MBV100325	45%	99.0%	100%
EFA202012	MLP101195	45%	99.0%	100%
EFA202012	MTU203411	45%	99.0%	100%
EFA202012	MGE100317	41%	98.0%	98.0%
EFA202012	MPN100395	44%	98.0%	98.0%
EFA202012	NGO100887	45%	99.0%	100%
EFA202012	NME200098	45%	99.0%	100%
EFA202012	PMU101391	47%	99.0%	100%
EFA202012	PRT104446	46%	99.0%	100%
EFA202012	PAE204237	47%	99.0%	100%
EFA202012	PPU108168	46%	99.0%	100%
EFA202012	PSY107923	44%	99.0%	100%
EFA202012	SPA104316	44%	99.0%	100%
EFA202012	STY101827	44%	99.0%	100%
EFA202012	SAU801719	66%	99.0%	100%
EFA202012	SEP201745	66%	99.0%	100%
EFA202012	SHA100142	64%	99.0%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202012	SMU101344	77%	100%	100%
EFA202012	SPN400078	76%	100%	100%
EFA202012	SPY201664	78%	100%	100%
EFA202012	TPA100303	40%	94.6%	96.1%
EFA202012	UUR100503	50%	99.0%	99.0%
EFA202012	VCH102535	46%	99.0%	100%
EFA202012	YPS002492	44%	99.0%	100%
EFA202013	ABA100054	52%	100%	100%
EFA202013	BAN101047	69%	100%	100%
EFA202013	BAN102922	82%	100%	100%
EFA202013	BFR102620	43%	98.7%	89.2%
EFA202013	BPT100845	53%	100%	90.2%
EFA202013	BBU100385	47%	100%	100%
EFA202013	BCE114655	51%	100%	100%
EFA202013	BFU100845	50%	100%	100%
EFA202013	BMA108128	51%	100%	100%
EFA202013	CJU100457	54%	98.7%	98.1%
EFA202013	CPN200198	47%	100%	100%
EFA202013	CTR200712	47%	100%	100%
EFA202013	CAC101300	68%	100%	100%
EFA202013	CBO100058	69%	100%	90.7%
EFA202013	CDF100549	72%	100%	100%
EFA202013	CDP100907	59%	98.7%	99.4%
EFA202013	EBC102895	53%	100%	100%
EFA202013	EFA202013	100%	100%	100%
EFA202013	ECO103264	53%	100%	87.2%
EFA202013	HIN100560	57%	100%	100%
EFA202013	HPY101179	54%	98.7%	98.1%
EFA202013	KPN300871	55%	92.9%	86.8%
EFA202013	LMO101111	83%	100%	100%
EFA202013	MCA100231	50%	100%	100%
EFA202013	MAV102943	60%	100%	100%
EFA202013	MBV103316	60%	100%	100%
EFA202013	MLP101141	58%	100%	100%
EFA202013	MTU200680	60%	100%	100%
EFA202013	MGE100090	61%	98.7%	99.4%
EFA202013	MPN100605	57%	98.7%	99.4%
EFA202013	NGO101627	51%	100%	100%
EFA202013	NME200130	51%	100%	100%
EFA202013	PMU101355	57%	100%	100%
EFA202013	PRT100252	55%	100%	100%
EFA202013	PAE204265	54%	100%	100%
EFA202013	PPU112217	53%	100%	100%
EFA202013	PSY106485	65%	26.3%	100%
EFA202013	SPA102393	49%	66.0%	91.2%
EFA202013	STY101780	53%	100%	100%
EFA202013	SAU800546	78%	100%	100%
EFA202013	SEP200070	78%	100%	100%
EFA202013	SHA102003	79%	25%	97.5%
EFA202013	SMU100686	78%	100%	100%
EFA202013	SPN400249	80%	100%	100%
EFA202013	SPY200201	80%	100%	100%
EFA202013	TPA100241	50%	100%	100%
EFA202013	UUR100530	64%	98.7%	99.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202013	VCH100355	56%	100%	100%
EFA202013	YPS001851	54%	100%	100%
EFA202015	ABA100053	64%	99.3%	100%
EFA202015	BAN100648	83%	100%	97.9%
EFA202015	BFR10866	78%	54.7%	88.2%
EFA202015	BPT100844	69%	99.3%	98.4%
EFA202015	BBU100386	75%	100%	100%
EFA202015	BCE108786	69%	100%	98.4%
EFA202015	BFU100844	69%	100%	98.4%
EFA202015	BMA100034	68%	100%	98.4%
EFA202015	CJU100456	70%	100%	96.9%
EFA202015	CPN200197	67%	99.3%	100%
EFA202015	CTR200713	68%	99.3%	100%
EFA202015	CAC103453	71%	99.3%	98.4%
EFA202015	CBO102727	71%	99.3%	98.4%
EFA202015	CDF102422	76%	99.3%	95.1%
EFA202015	CDP100904	66%	99.3%	90.4%
EFA202015	EBC102897	70%	100%	100%
EFA202015	EFA202015	100%	100%	100%
EFA202015	ECO103265	70%	100%	100%
EFA202015	HIN100561	71%	100%	100%
EFA202015	HPY101180	69%	100%	91.9%
EFA202015	KPN200561	70%	100%	100%
EFA202015	LMO101449	88%	99.3%	99.3%
EFA202015	MCA100230	66%	100%	100%
EFA202015	MAV102944	64%	100%	100%
EFA202015	MBV103315	64%	99.3%	99.2%
EFA202015	MLP101142	63%	100%	100%
EFA202015	MTU200679	64%	99.3%	99.2%
EFA202015	MGE100089	73%	99.3%	97.8%
EFA202015	MPN100606	74%	100%	98.6%
EFA202015	NGO101631	67%	99.3%	100%
EFA202015	NME200131	68%	99.3%	100%
EFA202015	PMU101354	70%	100%	100%
EFA202015	PRT103411	61%	83.2%	93.6%
EFA202015	PAE204266	71%	99.3%	100%
EFA202015	PPU112031	70%	99.3%	100%
EFA202015	PSY103389	69%	99.3%	100%
EFA202015	SPA102395	70%	100%	100%
EFA202015	STY101779	70%	100%	100%
EFA202015	SAU800545	85%	99.3%	99.3%
EFA202015	SEP201889	86%	99.3%	99.3%
EFA202015	SHA101640	85%	99.3%	99.3%
EFA202015	SMU100684	89%	100%	100%
EFA202015	SPN400248	94%	100%	100%
EFA202015	SPY200200	89%	99.3%	99.3%
EFA202015	TPA100240	69%	100%	100%
EFA202015	UUR100531	72%	99.3%	96.5%
EFA202015	VCH100354	71%	100%	100%
EFA202015	YPS001825	70%	100%	100%
EFA202022	ABA104153	53%	100%	100%
EFA202022	BAN112139	75%	100%	100%
EFA202022	BAN112261	75%	100%	100%
EFA202022	BFR101219	56%	33.7%	93.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202022	BPT102559	49%	100%	100%
EFA202022	BBU100803	49%	97.8%	98.9%
EFA202022	BCE114521	50%	100%	100%
EFA202022	BFU106341	51%	98.9%	97.8%
EFA202022	BMA104593	50%	100%	100%
EFA202022	CJU100816	46%	98.9%	97.8%
EFA202022	CPN200838	49%	100%	100%
EFA202022	CTR200226	49%	100%	100%
EFA202022	CAC101338	58%	97.8%	100%
EFA202022	CBO102464	58%	100%	85.6%
EFA202022	CDF100875	69%	92.1%	96.5%
EFA202022	CDP100449	57%	100%	100%
EFA202022	EBC103888	52%	100%	100%
EFA202022	EFA202022	100%	100%	100%
EFA202022	EFM202414	91%	100%	100%
EFA202022	ECO103097	52%	100%	100%
EFA202022	HIN101437	52%	100%	100%
EFA202022	HIN101294	52%	100%	100%
EFA202022	HPY101023	50%	98.9%	97.8%
EFA202022	KPN301430	53%	100%	100%
EFA202022	LPN100705	46%	69.7%	95.4%
EFA202022	LMO101938	79%	100%	100%
EFA202022	MCA100389	50%	100%	100%
EFA202022	MAV100300	53%	100%	100%
EFA202022	MBV101245	56%	100%	100%
EFA202022	MLP100514	57%	100%	100%
EFA202022	MTU202747	56%	100%	100%
EFA202022	MGE100434	45%	91.0%	94.2%
EFA202022	MPN100220	45%	91.0%	94.2%
EFA202022	NGO100722	56%	100%	100%
EFA202022	NME200754	56%	100%	100%
EFA202022	PMU100301	52%	100%	100%
EFA202022	PRT102435	57%	100%	100%
EFA202022	PAE204737	55%	100%	100%
EFA202022	PPU105055	55%	100%	100%
EFA202022	PSY104828	52%	70.8%	100%
EFA202022	SPA101259	49%	100%	100%
EFA202022	STY101470	51%	100%	100%
EFA202022	SAU801273	77%	100%	100%
EFA202022	SEP201566	73%	100%	100%
EFA202022	SHA100171	75%	100%	100%
EFA202022	SMU101327	77%	100%	100%
EFA202022	SPN401466	77%	100%	100%
EFA202022	SPY201503	78%	100%	100%
EFA202022	TPA100877	47%	100%	100%
EFA202022	UUR100204	43%	98.9%	98.9%
EFA202022	VCH100634	57%	100%	100%
EFA202022	YPS006344	52%	100%	100%
EFA202028	ABA106110	49%	97.2%	97.6%
EFA202028	BAN109088	44%	99.7%	99.6%
EFA202028	BAN100469	68%	99.7%	98.0%
EFA202028	BFR11379	45%	98.2%	90.1%
EFA202028	BPT102560	50%	98.4%	96.5%
EFA202028	BBU100804	42%	97.7%	98.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202028	BCE107587	49%	99.3%	98.2%
EFA202028	BFU106344	49%	99.3%	98.0%
EFA202028	BMA106616	50%	97.7%	90.3%
EFA202028	CJU101178	40%	95.6%	97.5%
EFA202028	CPN200839	45%	97.3%	98.1%
EFA202028	CTR200225	44%	97.2%	98.0%
EFA202028	CAC102635	51%	99.0%	99.3%
EFA202028	CBO102281	52%	99.0%	99.0%
EFA202028	CDF100877	55%	100%	100%
EFA202028	CDP100447	43%	96.9%	95.4%
EFA202028	EBC103885	50%	97.9%	96.2%
EFA202028	EFA202028	100%	100%	100%
EFA202028	EFM200260	89%	100%	95.7%
EFA202028	ECO103096	50%	97.9%	93.3%
EFA202028	HIN100220	50%	98.4%	97.2%
EFA202028	HPY101196	37%	95.0%	96.9%
EFA202028	KPN301429	50%	97.9%	96.3%
EFA202028	LPN101324	48%	98.4%	94.5%
EFA202028	LMO100657	71%	99.7%	96.8%
EFA202028	MCA100390	49%	97.4%	98.4%
EFA202028	MAV100299	43%	99.3%	97.1%
EFA202028	MBV101241	44%	97.9%	96.5%
EFA202028	MLP100515	43%	97.9%	94.3%
EFA202028	MTU202745	44%	97.9%	96.5%
EFA202028	NGO102045	48%	100%	99.3%
EFA202028	NME200892	48%	100%	99.4%
EFA202028	PMU101114	50%	97.2%	95.7%
EFA202028	PRT102434	49%	98.6%	97.3%
EFA202028	PAE204736	50%	97.2%	97.3%
EFA202028	PPU105054	49%	97.9%	98.1%
EFA202028	PSY104827	48%	23.2%	81.6%
EFA202028	SPA101063	46%	2.0%	78.3%
EFA202028	STY100979	50%	97.2%	95.6%
EFA202028	SAU801274	62%	98.6%	99.3%
EFA202028	SEP201567	63%	99.3%	99.6%
EFA202028	SHA100393	41%	26.3%	99.5%
EFA202028	SHA101099	64%	98.2%	99.7%
EFA202028	SMU101329	67%	98.6%	95.1%
EFA202028	SPN400516	69%	98.6%	89.5%
EFA202028	SPY201498	67%	98.6%	97.7%
EFA202028	TPA100876	45%	97.0%	96.7%
EFA202028	VCH100635	50%	98.6%	97.5%
EFA202028	YPS001047	49%	97.6%	96.9%
EFA202110	BAN111119	49%	11.2%	82.8%
EFA202110	BAN105234	55%	85.4%	99.0%
EFA202110	BAN113086	66%	99.2%	99.8%
EFA202110	BFR101518	50%	98.7%	96.1%
EFA202110	BBU100560	47%	97.9%	99.1%
EFA202110	BCE101525	69%	99.2%	99.8%
EFA202110	BFU110445	68%	99.2%	99.8%
EFA202110	BMA101484	68%	99.2%	99.6%
EFA202110	CPN200393	49%	97.9%	96.9%
EFA202110	CTR200328	48%	99.2%	98.1%
EFA202110	CDP101096	52%	98.3%	96.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202110	EBC100628	69%	59.6%	99.3%
EFA202110	EFA202110	100%	100%	100%
EFA202110	EFM100219	91%	42.3%	100%
EFA202110	ECO101988	72%	99.2%	99.6%
EFA202110	HIN100532	55%	98.7%	96.5%
EFA202110	KPN300636	71%	97.9%	100%
EFA202110	LMO100124	71%	99.2%	98.9%
EFA202110	MAV102693	52%	96.8%	93.3%
EFA202110	MBV102034	52%	92.8%	99.5%
EFA202110	MLP101249	52%	98.3%	95.9%
EFA202110	MTU201811	52%	98.9%	96.5%
EFA202110	NGO102016	54%	98.7%	96.9%
EFA202110	NME200246	54%	98.7%	96.9%
EFA202110	PMU101554	55%	98.7%	96.5%
EFA202110	PRT100074	75%	55.4%	100%
EFA202110	SPA105071	71%	99.2%	99.6%
EFA202110	STY103509	71%	99.2%	99.6%
EFA202110	SAU801511	67%	99.2%	99.6%
EFA202110	SEP200507	68%	99.2%	99.6%
EFA202110	SHA102447	62%	98.5%	98.9%
EFA202110	SHA100561	67%	99.2%	98.3%
EFA202110	SPN400335	80%	100%	100%
EFA202110	SPY102341	74%	16.3%	100%
EFA202110	TPA100327	51%	97.9%	96.1%
EFA202110	VCH103617	54%	98.7%	96.9%
EFA202110	YPS002961	71%	99.2%	99.6%
EFA202115	ABA101411	33%	95.5%	91.6%
EFA202115	BAN112326	40%	100%	99.9%
EFA202115	BFR102018	26%	99.7%	97.2%
EFA202115	BPT101552	32%	92.4%	91.7%
EFA202115	BBU100578	34%	97.3%	95.7%
EFA202115	BCE115231	33%	91.1%	88.8%
EFA202115	BFU107633	32%	92.1%	88.5%
EFA202115	BMA101634	32%	92.1%	89.9%
EFA202115	CJU100668	34%	89.6%	88.2%
EFA202115	CPN200079	31%	90.4%	87.7%
EFA202115	CTR200821	31%	91.0%	88.5%
EFA202115	CAC103161	33%	99.5%	98.9%
EFA202115	CBO100607	30%	99.5%	99.2%
EFA202115	CBO101196	33%	99.3%	98.5%
EFA202115	CDF101163	35%	96.4%	96.0%
EFA202115	CDP101233	29%	97.4%	97.2%
EFA202115	EBC102553	32%	96.7%	96.2%
EFA202115	EFA202115	100%	100%	100%
EFA202115	EFM200294	59%	100%	100%
EFA202115	ECO100184	32%	96.7%	96.2%
EFA202115	HIN100720	32%	99.5%	99.1%
EFA202115	HPY101439	30%	97.7%	97.9%
EFA202115	KPN301922	32%	96.7%	96.2%
EFA202115	LPN102982	34%	99.8%	99.6%
EFA202115	LMO100629	43%	100%	100%
EFA202115	MCA102321	33%	90.1%	87.2%
EFA202115	MAV103371	31%	95.9%	95.8%
EFA202115	MBV102577	30%	95.9%	96.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202115	MLP100747	30%	95.9%	95.8%
EFA202115	MTU201526	30%	95.9%	95.4%
EFA202115	MGE100266	32%	73.6%	89.8%
EFA202115	MPN100459	33%	72.9%	89.1%
EFA202115	NGO101860	32%	91.8%	91.6%
EFA202115	NME200585	33%	91.8%	91.6%
EFA202115	PMU100034	32%	99.5%	99.1%
EFA202115	PRT101242	33%	94.7%	95.6%
EFA202115	PAE203638	34%	97.9%	97.6%
EFA202115	PPU100137	32%	99.8%	99.5%
EFA202115	PSY104339	32%	99.9%	99.6%
EFA202115	SPA100912	31%	99.3%	99.6%
EFA202115	STY103914	32%	96.7%	96.2%
EFA202115	STM103627	32%	96.7%	96.2%
EFA202115	SAU801703	37%	96.8%	97.0%
EFA202115	SEP201707	39%	93.6%	94.1%
EFA202115	SHA100359	38%	96.7%	94.3%
EFA202115	SMU101018	35%	98.9%	99.1%
EFA202115	SPN400795	35%	98.6%	97.9%
EFA202115	SPY200987	35%	97.5%	97.7%
EFA202115	TPA100661	33%	95.9%	95.5%
EFA202115	UUR100419	33%	90.1%	97.8%
EFA202115	VCH102211	33%	99.5%	98.7%
EFA202115	YPS001155	33%	96.7%	95.3%
EFA202136	EBC104273	60%	99.6%	100%
EFA202136	EFA202136	100%	100%	100%
EFA202136	EFM202058	70%	99.8%	99.1%
EFA202136	KPN303718	48%	99.8%	98.7%
EFA202136	LMO100287	63%	100%	99.6%
EFA202136	SPA103555	58%	100%	99.8%
EFA202136	STY104414	57%	100%	99.8%
EFA202136	STM100091	58%	100%	99.8%
EFA202136	SPN400244	53%	99.4%	99.6%
EFA202136	SPY201020	55%	99.8%	98.3%
EFA202160	ABA103852	41%	97.8%	98.3%
EFA202160	BAN106248	53%	95.1%	98.9%
EFA202160	BAN106209	62%	86.7%	99.8%
EFA202160	BFR10500	27%	92.8%	87.9%
EFA202160	BPT100432	40%	98.2%	98.5%
EFA202160	BBU100832	30%	83.7%	75.7%
EFA202160	BCE111670	42%	94.2%	95.8%
EFA202160	BFU101230	40%	97.0%	96.4%
EFA202160	BMA102496	34%	98.1%	94.7%
EFA202160	BMA109115	41%	98.6%	98.0%
EFA202160	CJU100989	38%	96.8%	99.8%
EFA202160	CPN200653	28%	92.8%	82.4%
EFA202160	CTR200283	29%	91.1%	82.0%
EFA202160	CAC102765	33%	83.6%	75.3%
EFA202160	CBO100873	35%	54.1%	95.1%
EFA202160	CDF104554	33%	83.6%	74.9%
EFA202160	CDP101247	27%	94.6%	84.7%
EFA202160	EBC102151	42%	97.7%	99.8%
EFA202160	EFA202160	100%	100%	100%
EFA202160	EFM201425	84%	100%	99.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202160	ECO100026	44%	97.8%	98.1%
EFA202160	HPY101401	37%	98.5%	99.5%
EFA202160	KPN300290	59%	4.8%	100%
EFA202160	KPN306610	43%	96.5%	98.5%
EFA202160	LPN101832	43%	97.8%	98.1%
EFA202160	LMO101679	64%	99.0%	99.8%
EFA202160	MCA103671	39%	0.8%	16.4%
EFA202160	MAV103388	28%	91.3%	80.7%
EFA202160	MBV102555	28%	89.3%	81.0%
EFA202160	MLP100743	27%	93.2%	85.4%
EFA202160	MTU201515	28%	89.3%	81.0%
EFA202160	MGE100354	36%	98.2%	99.6%
EFA202160	MPN100322	38%	89.7%	96.1%
EFA202160	NGO101799	42%	98.2%	98.7%
EFA202160	NME200578	42%	98.2%	98.4%
EFA202160	PMU101662	41%	97.8%	98.0%
EFA202160	PRT101657	43%	98.9%	99.1%
EFA202160	PAE204558	42%	98.4%	98.6%
EFA202160	PPU109898	43%	97.8%	98.1%
EFA202160	PSY102684	40%	96.5%	98.5%
EFA202160	SPA100667	43%	80.7%	96.6%
EFA202160	STY101103	43%	98.6%	98.8%
EFA202160	STM100818	43%	98.6%	98.8%
EFA202160	SAU801193	61%	98.7%	99.7%
EFA202160	SEP200928	60%	98.7%	99.3%
EFA202160	SHA101034	60%	98.4%	99.9%
EFA202160	SMU100109	65%	100%	99.8%
EFA202160	SPN401501	64%	100%	99.8%
EFA202160	SPY201164	64%	100%	99.6%
EFA202160	TPA100448	26%	81.3%	74.2%
EFA202160	UUR100414	41%	89.7%	92%
EFA202160	VCH100669	42%	98.4%	98.6%
EFA202160	YPS000810	43%	97.8%	98.1%
EFA202166	ABA100699	32%	95.6%	92.2%
EFA202166	BAN102298	55%	87.1%	97%
EFA202166	BAN105813	52%	97.8%	97.3%
EFA202166	BFR10478	35%	87.1%	90.1%
EFA202166	BPT100358	32%	96.9%	81.5%
EFA202166	BCE102004	29%	98.2%	95.7%
EFA202166	BFU102631	28%	98.2%	95.7%
EFA202166	CJU100669	29%	88.4%	93.8%
EFA202166	CAC102293	34%	91.1%	92.8%
EFA202166	CBO100252	38%	87.6%	89.2%
EFA202166	CDF104041	40%	98.2%	94.1%
EFA202166	CDP100613	38%	95.1%	94.9%
EFA202166	EBC103402	26%	98.2%	95.7%
EFA202166	EFA202166	100%	100%	100%
EFA202166	EFM200029	62%	99.6%	99.6%
EFA202166	ECO102886	27%	98.2%	95.3%
EFA202166	HIN100089	31%	98.2%	94.5%
EFA202166	HPY100391	30%	88%	87.8%
EFA202166	KPN302105	28%	98.2%	95.7%
EFA202166	LPN100888	29%	98.2%	95.7%
EFA202166	LMO101181	54%	97.8%	95.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202166	MCA100523	27%	86.2%	80.1%
EFA202166	MAV103261	26%	96%	88.5%
EFA202166	MBV100535	24%	96%	87.5%
EFA202166	MLP100574	26%	96%	88.5%
EFA202166	MTU202114	24%	96%	89.5%
EFA202166	NGO101964	29%	98.7%	97.4%
EFA202166	NME200206	29%	98.7%	97.4%
EFA202166	PMU100112	29%	98.2%	96.1%
EFA202166	PRT105809	27%	98.2%	95.3%
EFA202166	PAE200393	30%	98.2%	94.3%
EFA202166	PPU102082	30%	98.2%	95.2%
EFA202166	PSY103724	27%	98.2%	95.2%
EFA202166	SPA102546	23%	95.1%	96.8%
EFA202166	STY104582	27%	98.2%	95.3%
EFA202166	STM100599	27%	98.2%	95.3%
EFA202166	SAU801188	49%	97.8%	96.9%
EFA202166	SEP200921	51%	97.8%	97.7%
EFA202166	SHA100042	45%	43.1%	97.9%
EFA202166	SMU100094	50%	97.3%	97.8%
EFA202166	SPN401508	51%	98.7%	99.1%
EFA202166	SPY201169	50%	96.9%	97.3%
EFA202166	VCH100456	28%	98.2%	94.9%
EFA202166	YPS000235	25%	98.2%	95.3%
EFA202168	ABA100622	46%	92.2%	96.4%
EFA202168	BAN103024	59%	97.1%	96.6%
EFA202168	BAN112439	60%	97.1%	96.6%
EFA202168	BFR12421	41%	86.3%	83.3%
EFA202168	BPT102981	42%	94.1%	97.2%
EFA202168	BBU100298	49%	97.8%	93.1%
EFA202168	BCE103310	50%	69.8%	98.6%
EFA202168	BFU100408	44%	94.6%	97.2%
EFA202168	BMA104500	44%	94.6%	97.2%
EFA202168	CJU100646	45%	78.8%	87.0%
EFA202168	CAC100838	60%	85.6%	91.2%
EFA202168	CBO103263	52%	98.8%	98.6%
EFA202168	CDF102447	52%	100%	98.0%
EFA202168	CDP101254	51%	96.3%	98.1%
EFA202168	EBC101797	60%	37.3%	93.9%
EFA202168	EFA202168	100%	100%	100%
EFA202168	EFM200220	80%	100%	100%
EFA202168	ECO100095	51%	84.1%	90.1%
EFA202168	HIN101117	46%	82.7%	84.6%
EFA202168	HPY100963	43%	75.1%	80.8%
EFA202168	KPN300530	60%	37.6%	96.2%
EFA202168	LPN100473	71%	6.8%	71.8%
EFA202168	LMO101235	57%	98.5%	98.0%
EFA202168	MCA101528	48%	76.1%	87.4%
EFA202168	MAV103265	60%	76.3%	80.9%
EFA202168	MBV100533	61%	76.3%	82.6%
EFA202168	MLP100572	59%	76.3%	82.6%
EFA202168	MTU202116	61%	76.3%	82.6%
EFA202168	MGE100229	27%	54.4%	59.3%
EFA202168	MPN100519	29%	52.7%	55.8%
EFA202168	NGO100577	50%	83.9%	89.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202168	NME201901	50%	83.9%	89.3%
EFA202168	PMU100147	47%	82.4%	82.7%
EFA202168	PRT102627	57%	42.9%	94.1%
EFA202168	PAE204405	53%	86.3%	93.1%
EFA202168	PPU105993	45%	99.3%	99.2%
EFA202168	PSY103835	47%	99.3%	99.2%
EFA202168	SPA100031	42%	56.1%	88.5%
EFA202168	STY103211	51%	84.1%	90.1%
EFA202168	STM102893	51%	84.1%	90.1%
EFA202168	SAU801186	69%	76.3%	80.3%
EFA202168	SEP200917	67%	79.8%	81.7%
EFA202168	SHA100846	67%	79.8%	81.9%
EFA202168	SMU100085	60%	99.8%	100%
EFA202168	SPN401509	62%	99.8%	100%
EFA202168	SPY201170	60%	99.8%	100%
EFA202168	TPA100386	46%	96.6%	94.7%
EFA202168	VCH102362	57%	76.3%	78.9%
EFA202168	YPS001023	51%	80.5%	89.6%
EFA202170	ABA100623	28%	82.7%	89.0%
EFA202170	BAN111291	39%	98.9%	99.8%
EFA202170	BAN101900	39%	100%	100%
EFA202170	BFR102146	22%	98.4%	89.5%
EFA202170	BPT102984	36%	82.7%	90.4%
EFA202170	BBU100299	32%	83.0%	90.3%
EFA202170	BCE109663	36%	83.6%	91.2%
EFA202170	BFU100407	35%	82.5%	89.8%
EFA202170	BMA104126	37%	83.6%	91.2%
EFA202170	CJU100645	29%	76.4%	72.3%
EFA202170	CAC100288	26%	98.2%	98.8%
EFA202170	CBO102974	30%	98.2%	96.5%
EFA202170	EBC101798	33%	83.6%	90.9%
EFA202170	EFA202170	100%	100%	100%
EFA202170	EFM201888	78%	100%	100%
EFA202170	ECO100094	33%	83.6%	90.5%
EFA202170	HIN101116	31%	85%	91.1%
EFA202170	HPY100962	28%	83.0%	81.3%
EFA202170	KPN300531	28%	45.5%	86.9%
EFA202170	LPN103001	33%	83.0%	89.8%
EFA202170	LMO101001	41%	100%	100%
EFA202170	MCA100438	24%	78.0%	79.9%
EFA202170	MBV102872	34%	16.4%	56.6%
EFA202170	MTU200123	34%	16.4%	56.6%
EFA202170	NGO100578	35%	83.0%	89.6%
EFA202170	NME201902	35%	83.0%	89.6%
EFA202170	PMU100146	29%	85.5%	91.5%
EFA202170	PRT102629	33%	83.6%	90.9%
EFA202170	PAE204406	34%	83.6%	89.4%
EFA202170	PPU111774	35%	83.0%	89.8%
EFA202170	PSY103837	34%	83.6%	91.0%
EFA202170	SPA101844	32%	83.6%	90.4%
EFA202170	STY103209	33%	83.6%	90.5%
EFA202170	STM102892	33%	83.6%	90.5%
EFA202170	SAU801185	30%	84.3%	78.7%
EFA202170	SEP200915	29%	96.1%	86.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202170	SHA100845	28%	96.1%	84.3%
EFA202170	SMU100084	49%	100%	100%
EFA202170	SPN401510	50%	100%	99.8%
EFA202170	SPY201171	49%	100%	100%
EFA202170	TPA100385	33%	82.7%	91.3%
EFA202170	VCH102363	31%	85.5%	93.6%
EFA202170	YPS001022	33%	83.6%	90.9%
EFA202174	ABA100632	27%	99.2%	97.0%
EFA202174	BAN107483	51%	100%	99.7%
EFA202174	BAN105119	52%	100%	94.5%
EFA202174	BFR11299	36%	97.0%	92.9%
EFA202174	BPT103001	28%	98.1%	96.1%
EFA202174	BBU100766	28%	91.7%	89.0%
EFA202174	BCE108020	29%	66.7%	94%
EFA202174	BFU100818	28%	99.2%	94.4%
EFA202174	BMA103256	29%	98.1%	94.6%
EFA202174	CJU100967	26%	83.5%	82.5%
EFA202174	CPN200945	29%	92.8%	91.6%
EFA202174	CTR200137	28%	98.6%	97.2%
EFA202174	CAC102068	31%	94.5%	93.3%
EFA202174	CBO103711	29%	94.5%	96.3%
EFA202174	CDF103133	40%	98.9%	88.3%
EFA202174	CDP101267	33%	99.7%	96.9%
EFA202174	EBC102568	32%	79.1%	97.9%
EFA202174	EFA202174	100%	100%	100%
EFA202174	EFM201770	63%	100%	99.4%
EFA202174	ECO100090	30%	97.5%	95.5%
EFA202174	HIN101112	31%	98.9%	97.7%
EFA202174	HPY101138	26%	100%	99.4%
EFA202174	KPN301850	31%	98.9%	98.9%
EFA202174	LPN102672	32%	18.7%	86.8%
EFA202174	LMO101815	51%	100%	99.7%
EFA202174	MCA100895	30%	95.3%	92.1%
EFA202174	MAV103649	27%	98.3%	87.5%
EFA202174	MBV100527	26%	97.8%	87.3%
EFA202174	MLP100569	25%	99.7%	88.9%
EFA202174	MTU202119	26%	97.8%	87.3%
EFA202174	NGO100586	30%	96.4%	95.2%
EFA202174	NME201906	30%	96.4%	95.2%
EFA202174	PMU100142	30%	98.6%	96.3%
EFA202174	PRT102635	31%	98.6%	96.7%
EFA202174	PAE204410	32%	96.4%	95.2%
EFA202174	PPU111778	29%	98.1%	92%
EFA202174	PSY103845	31%	98.1%	96.9%
EFA202174	SPA101848	28%	97.5%	97.1%
EFA202174	STY103176	29%	97.5%	95.5%
EFA202174	STM102888	29%	97.5%	95.5%
EFA202174	SAU801418	28%	93.4%	94.9%
EFA202174	SEP200353	30%	97.5%	97.5%
EFA202174	SHA100509	33%	44.1%	86.0%
EFA202174	SMU100081	24%	94.2%	92.2%
EFA202174	SPN400604	26%	94.5%	94.6%
EFA202174	SPY201173	25%	96.1%	94.4%
EFA202174	TPA100518	27%	99.4%	95.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202174	VCH102366	28%	94.5%	92.1%
EFA202174	YPS001014	31%	97.5%	95.2%
EFA202176	ABA105049	31%	96.3%	97.8%
EFA202176	BAN101698	43%	96.9%	99.8%
EFA202176	BAN100427	51%	98.9%	99.8%
EFA202176	BFR11370	36%	96.9%	99.8%
EFA202176	BPT103005	30%	96.5%	95.9%
EFA202176	BBU100584	28%	97.1%	97.8%
EFA202176	BCE110975	31%	56.6%	97.7%
EFA202176	BFU100814	31%	98.7%	97.8%
EFA202176	BMA102821	33%	96.5%	98.2%
EFA202176	CJU100400	27%	85.1%	88.6%
EFA202176	CPN200948	29%	97.1%	98.8%
EFA202176	CTR200134	31%	96.3%	93.8%
EFA202176	CAC103488	33%	97.6%	97.4%
EFA202176	CBO101756	35%	96.9%	96.9%
EFA202176	CDF104583	37%	97.6%	99.3%
EFA202176	CDP101273	29%	96.5%	94.6%
EFA202176	EBC102570	31%	97.6%	99.1%
EFA202176	EFA202176	100%	100%	100%
EFA202176	EFM201395	71%	99.1%	100%
EFA202176	ECO100088	32%	97.6%	99.1%
EFA202176	HIN101110	34%	98.2%	99.8%
EFA202176	HPY100489	27%	82.2%	85.5%
EFA202176	KPN300322	37%	36.4%	83.7%
EFA202176	KPN301854	31%	97.6%	99.1%
EFA202176	LPN102050	32%	93.2%	100%
EFA202176	LMO100907	60%	99.3%	99.1%
EFA202176	MCA103645	31%	97.1%	98.7%
EFA202176	MAV103995	33%	43.4%	75.7%
EFA202176	MBV100523	28%	96.1%	95.7%
EFA202176	MLP100567	28%	96.1%	97.1%
EFA202176	MTU202121	29%	96.1%	97.1%
EFA202176	NGO100590	29%	97.8%	99.8%
EFA202176	NME201908	29%	97.8%	99.8%
EFA202176	PMU100140	33%	96.5%	97.9%
EFA202176	PRT102639	34%	98.2%	99.8%
EFA202176	PAE204412	32%	96.3%	97.5%
EFA202176	PPU105951	32%	95.4%	96.2%
EFA202176	PSY103849	32%	86.6%	99.7%
EFA202176	SPA102757	27%	76.8%	95.3%
EFA202176	STY103174	30%	97.6%	99.1%
EFA202176	STM102886	30%	97.6%	99.1%
EFA202176	SAU801183	50%	97.8%	98.0%
EFA202176	SEP200898	48%	97.6%	97.8%
EFA202176	SHA101312	51%	59.9%	100%
EFA202176	SMU100079	60%	99.1%	99.6%
EFA202176	SPN400603	60%	99.3%	100%
EFA202176	SPY201174	61%	99.1%	99.3%
EFA202176	TPA100893	27%	97.8%	98.5%
EFA202176	VCH102368	30%	96.3%	91.9%
EFA202176	YPS001010	32%	97.6%	99.1%
EFA202177	ABA100933	34%	94.7%	89.5%
EFA202177	BAN106826	40%	96.0%	96.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202177	BAN112016	48%	96.0%	95.4%
EFA202177	BFR103500	29%	84.1%	82.2%
EFA202177	BPT103007	34%	87.2%	83.8%
EFA202177	BBU100302	36%	95.6%	92.3%
EFA202177	BCE112929	41%	50.8%	86.0%
EFA202177	BFU100825	36%	90.3%	86.4%
EFA202177	BMA100546	35%	93.8%	89.2%
EFA202177	CJU100401	41%	95.3%	91.2%
EFA202177	CPN200949	38%	84.4%	80.8%
EFA202177	CTR200133	35%	98.1%	96.1%
EFA202177	CAC103184	37%	95.3%	95.9%
EFA202177	CBO103583	38%	93.5%	94.3%
EFA202177	CBO100702	40%	95.6%	96.5%
EFA202177	CDF103820	37%	99.1%	96.4%
EFA202177	CDP101276	37%	99.1%	97.3%
EFA202177	EBC102571	39%	94.7%	89.2%
EFA202177	EFA202177	100%	100%	100%
EFA202177	EFM200138	72%	100%	100%
EFA202177	ECO100087	40%	94.7%	89.2%
EFA202177	HIN101109	37%	94.7%	89.2%
EFA202177	HPY100488	34%	95.3%	90.7%
EFA202177	KPN301856	39%	94.7%	89.2%
EFA202177	LPN102792	43%	53.9%	79.1%
EFA202177	LMO102708	53%	96.3%	96.0%
EFA202177	MCA100821	36%	94.7%	91.0%
EFA202177	MAV103996	35%	98.8%	96.9%
EFA202177	MLP100566	35%	98.8%	96.9%
EFA202177	MTU202122	35%	98.8%	96.9%
EFA202177	NGO100597	36%	93.5%	89.7%
EFA202177	NME201910	37%	93.5%	89.7%
EFA202177	PMU100139	38%	94.7%	89.2%
EFA202177	PRT102641	39%	94.7%	89.2%
EFA202177	PAE204413	38%	94.7%	89.2%
EFA202177	PPU105952	38%	94.1%	88.6%
EFA202177	PSY103851	37%	94.1%	88.6%
EFA202177	SPA102756	39%	94.7%	91.2%
EFA202177	STY103173	40%	94.7%	89.2%
EFA202177	STM102884	39%	94.7%	89.2%
EFA202177	SAU801182	51%	97.8%	98.8%
EFA202177	SEP200897	50%	97.8%	98.8%
EFA202177	SHA101311	51%	97.8%	98.8%
EFA202177	SMU101454	52%	99.1%	99.1%
EFA202177	SPN400305	55%	96.9%	96.9%
EFA202177	SPY201280	51%	97.8%	97.9%
EFA202177	TPA100341	25%	84.7%	78.5%
EFA202177	VCH102369	40%	94.7%	89.2%
EFA202177	YPS000995	40%	94.7%	89.2%
EFA202180	ABA105255	27%	75.5%	87.7%
EFA202180	BAN113613	36%	8.8%	86.3%
EFA202180	BAN105591	26%	95.1%	95.7%
EFA202180	BAN105395	34%	41.8%	93.8%
EFA202180	BAN110033	32%	96.4%	96.4%
EFA202180	BAN112091	32%	94.1%	94.7%
EFA202180	BFR101372	23%	89.9%	93.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202180	BPT103014	24%	77.6%	90.1%
EFA202180	BBU100135	25%	82.9%	91.7%
EFA202180	BCE112144	27%	82.1%	90.4%
EFA202180	BFU100822	26%	77.8%	83.7%
EFA202180	BMA103887	25%	86.5%	96.6%
EFA202180	CJU100487	23%	81.9%	98.5%
EFA202180	CPN200330	23%	54.2%	66.6%
EFA202180	CTR200535	25%	50%	59.6%
EFA202180	CAC102451	28%	81.1%	97.4%
EFA202180	CAC102718	28%	96.0%	97.0%
EFA202180	CBO100210	28%	90.6%	91.9%
EFA202180	CDF104232	26%	83.6%	91.7%
EFA202180	CDP101283	27%	76.1%	94.6%
EFA202180	EBC102574	24%	70.6%	83.5%
EFA202180	EFA202180	100%	100%	100%
EFA202180	EFM201754	58%	99.6%	99.9%
EFA202180	ECO100084	24%	56.3%	66.0%
EFA202180	HIN101106	24%	76.0%	85.2%
EFA202180	HPY101533	22%	86.9%	98.5%
EFA202180	KPN309113	28%	56.5%	66.8%
EFA202180	LPN102605	27%	72.1%	90.1%
EFA202180	LMO101211	39%	97.6%	94.9%
EFA202180	MCA100818	25%	74.4%	84.7%
EFA202180	MAV104019	28%	73.6%	80.7%
EFA202180	MBV101482	33%	55.4%	63.3%
EFA202180	MLP100563	28%	74.3%	79.6%
EFA202180	MTU202129	33%	55.4%	60.1%
EFA202180	NGO102402	26%	76.8%	90.2%
EFA202180	NME201914	26%	76.8%	88.6%
EFA202180	PMU100136	25%	77.2%	87.9%
EFA202180	PRT102628	24%	80.2%	89.8%
EFA202180	PAE204416	26%	76.7%	89.5%
EFA202180	PPU111736	27%	70.4%	81.4%
EFA202180	PSY103856	27%	70.4%	82.3%
EFA202180	SPA102753	24%	65.1%	74.6%
EFA202180	STY101764	25%	83.6%	98.1%
EFA202180	STM102862	25%	56.3%	66.0%
EFA202180	SAU801181	33%	95.8%	93.4%
EFA202180	SEP200896	34%	97.2%	91.1%
EFA202180	SHA101310	33%	95.7%	98.2%
EFA202180	SMU101453	40%	99.1%	99.2%
EFA202180	SPN400304	38%	98.4%	98.7%
EFA202180	SPY201281	39%	99.5%	99.7%
EFA202180	TPA100752	24%	89.6%	88.2%
EFA202180	VCH102372	24%	78.7%	93.6%
EFA202180	YPS000992	26%	70.6%	80.7%
EFA202182	BAN113715	40%	37.0%	69.0%
EFA202182	BAN110605	30%	82.2%	91.7%
EFA202182	EFA202182	100%	100%	100%
EFA202182	EFM201482	39%	100%	100%
EFA202182	LMO102397	29%	68.9%	80%
EFA202182	SAU801180	24%	79.3%	80.5%
EFA202182	SEP200895	24%	77.8%	78.9%
EFA202182	SHA101309	28%	79.3%	80.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202182	SMU101439	29%	68.1%	86.0%
EFA202182	SPN400303	32%	65.2%	83.8%
EFA202182	SPY201282	29%	77.0%	97.2%
EFA202182	UUR100048	23%	64.4%	29.3%
EFA202200	ABA105166	20%	92.4%	92.9%
EFA202200	BAN107094	43%	90.8%	92.7%
EFA202200	BAN107312	46%	99.3%	98.9%
EFA202200	BFR10436	27%	91.7%	93.7%
EFA202200	BCE105570	36%	34.2%	81.8%
EFA202200	BFU106862	34%	90.4%	88.0%
EFA202200	BMA103262	33%	92.4%	81.0%
EFA202200	CJU100294	34%	82.4%	89.1%
EFA202200	CPN200772	36%	96.9%	97.3%
EFA202200	CTR200597	29%	98.4%	98.1%
EFA202200	CAC102940	45%	67.6%	76.2%
EFA202200	CBO103748	35%	98.9%	98.3%
EFA202200	CDF101807	35%	99.3%	99.8%
EFA202200	CDP100939	29%	92.0%	91.3%
EFA202200	EBC102031	39%	98.2%	96.3%
EFA202200	EFA202200	100%	100%	100%
EFA202200	EFM100680	71%	98.4%	99.1%
EFA202200	ECO102460	38%	94.2%	93.0%
EFA202200	HIN100377	38%	92.0%	94.3%
EFA202200	HPY100965	36%	16.5%	61.2%
EFA202200	HPY100255	34%	84.2%	91.7%
EFA202200	KPN304083	38%	98.2%	95.0%
EFA202200	LPN102596	34%	97.3%	98.0%
EFA202200	LMO100760	43%	99.1%	98.2%
EFA202200	MCA102830	23%	97.8%	87.8%
EFA202200	MAV100804	31%	73.7%	80.5%
EFA202200	MBV104380	31%	73.7%	80.5%
EFA202200	MLP101180	31%	77.2%	81.8%
EFA202200	MTU201093	31%	73.7%	80.5%
EFA202200	NGO101103	34%	98.9%	99.1%
EFA202200	NME201434	35%	98.9%	97.3%
EFA202200	PMU100168	39%	92.4%	93.5%
EFA202200	PRT103272	36%	98.2%	95.9%
EFA202200	PAE203774	38%	98.0%	95.0%
EFA202200	PPU101396	38%	92.0%	89.5%
EFA202200	PSY103770	38%	98.0%	94.2%
EFA202200	SPA100549	41%	77.5%	94.3%
EFA202200	STY101689	37%	98.4%	98.2%
EFA202200	STM101426	37%	98.4%	98.2%
EFA202200	SAU801523	42%	98.7%	99.3%
EFA202200	SEP200892	42%	98.9%	99.6%
EFA202200	SHA100991	43%	97.3%	98.0%
EFA202200	SMU100701	48%	98.9%	98.9%
EFA202200	SPN401088	50%	98.9%	99.1%
EFA202200	SPY201154	48%	97.5%	98.2%
EFA202200	VCH100753	38%	92.9%	93.7%
EFA202200	YPS003204	38%	98.2%	95.9%
EFA202211	ABA101469	45%	13.9%	75%
EFA202211	ABA100694	41%	94.5%	96.0%
EFA202211	BAN108710	33%	93.3%	97.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202211	BAN104310	52%	95.2%	89.0%
EFA202211	BFR11762	24%	93.1%	95.6%
EFA202211	BPT100013	40%	94.9%	94.7%
EFA202211	BBU100134	23%	94.0%	94.7%
EFA202211	BCE114784	44%	91.5%	88.6%
EFA202211	BFU113972	43%	91.5%	88.6%
EFA202211	BMA106479	44%	91.5%	88.6%
EFA202211	CJU100704	37%	94.0%	97.3%
EFA202211	CPN200082	39%	94.0%	95.1%
EFA202211	CTR200819	37%	100%	99.1%
EFA202211	CAC100205	26%	94.2%	97.4%
EFA202211	CBO102641	45%	92.8%	94.9%
EFA202211	CDF100504	46%	95.8%	98.1%
EFA202211	CDP100409	42%	93.5%	94.3%
EFA202211	EBC102800	42%	93.3%	94.8%
EFA202211	EFA202211	100%	100%	100%
EFA202211	EFM201250	81%	98.4%	99.1%
EFA202211	ECO102465	42%	93.8%	95.3%
EFA202211	HIN100348	44%	92.1%	93.6%
EFA202211	HPY101173	25%	91.2%	92.5%
EFA202211	KPN309062	44%	93.3%	94.8%
EFA202211	LPN101194	41%	95.6%	96.9%
EFA202211	LMO101789	52%	98.2%	99.8%
EFA202211	MCA101520	41%	93.8%	96.9%
EFA202211	MAV103034	42%	95.4%	96.9%
EFA202211	MBV101555	41%	99.1%	98.3%
EFA202211	MLP100305	40%	95.6%	95.6%
EFA202211	MTU202543	41%	99.1%	98.3%
EFA202211	MGE100035	40%	73.7%	75.1%
EFA202211	MPN100109	34%	94.0%	96.4%
EFA202211	NGO101009	45%	92.1%	93.3%
EFA202211	NME200980	45%	92.1%	93.3%
EFA202211	PMU102011	43%	95.6%	97.4%
EFA202211	PRT104870	43%	93.3%	94.8%
EFA202211	PAE203799	43%	94.0%	94.9%
EFA202211	PPU103989	44%	94.0%	94.9%
EFA202211	PSY103800	44%	94.0%	94.9%
EFA202211	SPA101921	45%	68.4%	97.7%
EFA202211	STY101721	42%	93.8%	95.3%
EFA202211	SAU801631	49%	95.6%	98.6%
EFA202211	SEP201577	48%	95.6%	97.6%
EFA202211	SHA100662	48%	96.1%	98.3%
EFA202211	SMU101274	60%	98.4%	98.8%
EFA202211	SPN401928	64%	98.4%	98.8%
EFA202211	SPY201649	61%	98.8%	100%
EFA202211	TPA100633	26%	71.1%	72.4%
EFA202211	UUR100287	37%	95.8%	98.8%
EFA202211	VCH100747	44%	93.3%	95.0%
EFA202211	YPS003230	43%	93.5%	95.0%
EFA202213	ABA101157	51%	98.3%	98.0%
EFA202213	BAN109213	44%	98.5%	99.3%
EFA202213	BAN103380	65%	100%	99.8%
EFA202213	BFR10266	52%	77.8%	99.1%
EFA202213	BPT101790	51%	99.3%	99.5%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202213	BBU100445	49%	84.7%	98.8%
EFA202213	BCE104313	37%	16.3%	76.6%
EFA202213	BCE111669	52%	98.8%	98.3%
EFA202213	BFU111015	53%	98.8%	98.5%
EFA202213	BMA100432	53%	98.8%	98.3%
EFA202213	CJU100601	49%	98.3%	98.6%
EFA202213	CPN200083	47%	99.2%	99.7%
EFA202213	CTR200818	48%	98.8%	99.7%
EFA202213	CAC102618	51%	99.7%	98.5%
EFA202213	CBO100008	51%	98.5%	97.5%
EFA202213	CDF100502	54%	99.5%	98.5%
EFA202213	CDP100396	46%	98.5%	97.7%
EFA202213	EBC102309	52%	99.5%	99.5%
EFA202213	EFA202213	100%	100%	100%
EFA202213	EFM202626	80%	100%	100%
EFA202213	ECO101834	53%	98.6%	98.6%
EFA202213	HIN100302	52%	98.6%	99.0%
EFA202213	HPY100610	50%	98.3%	99.1%
EFA202213	KPN301306	57%	52.3%	96.8%
EFA202213	LPN101576	53%	98.3%	98.3%
EFA202213	LMO101015	68%	99.0%	98.8%
EFA202213	MCA100604	51%	98.6%	98.7%
EFA202213	MAV103031	46%	87.1%	99.6%
EFA202213	MBV101554	48%	96.1%	93.1%
EFA202213	MLP100306	47%	96.1%	96.1%
EFA202213	MTU202535	48%	96.1%	95.5%
EFA202213	MGE100036	36%	95.8%	95.8%
EFA202213	MPN100108	38%	96.8%	95.7%
EFA202213	NGO101633	53%	98.3%	99.0%
EFA202213	NME201865	53%	98.3%	97.8%
EFA202213	PMU100983	52%	98.6%	99.0%
EFA202213	PRT100115	52%	98.6%	100%
EFA202213	PAE200962	51%	98.3%	98.1%
EFA202213	PPU112195	51%	98.3%	98.1%
EFA202213	PSY106866	50%	90.5%	98.3%
EFA202213	SPA102449	51%	64.9%	98.0%
EFA202213	STY102265	53%	98.6%	98.6%
EFA202213	SAU801630	63%	99.2%	99.7%
EFA202213	SEP201575	63%	99.2%	99.7%
EFA202213	SHA100663	62%	99.2%	99.7%
EFA202213	SMU101272	63%	98.8%	98.0%
EFA202213	SPN401921	65%	98.8%	98.3%
EFA202213	SPY201648	62%	99.5%	99.8%
EFA202213	TPA100975	44%	98.8%	96.8%
EFA202213	UUR100288	45%	98.1%	99.0%
EFA202213	VCH101147	54%	98.6%	98.5%
EFA202213	YPS003419	54%	99.0%	97.7%
EFA202214	ABA101804	63%	74.5%	85.9%
EFA202214	BAN111062	82%	94.9%	98.9%
EFA202214	BAN102544	83%	94.9%	96.9%
EFA202214	BFR10883	53%	83.7%	92.1%
EFA202214	BPT102470	62%	81.6%	94.2%
EFA202214	BBU100779	55%	81.6%	97.5%
EFA202214	BCE103036	61%	85.7%	97.7%

Query LocusID	Homolog LocusID.	Identity	Query Coverage	Homolog Coverage
EFA202214	BFU106480	60%	85.7%	97.7%
EFA202214	BMA101618	60%	85.7%	97.7%
EFA202214	CJU100084	58%	83.7%	97.6%
EFA202214	CPN200204	58%	83.7%	95.2%
EFA202214	CTR200690	64%	85.7%	98.8%
EFA202214	CAC103330	68%	93.9%	92%
EFA202214	CBO102962	75%	93.9%	92%
EFA202214	CDF101911	69%	94.9%	96.9%
EFA202214	CDP101220	61%	81.6%	89.8%
EFA202214	EBC100461	61%	81.6%	95.3%
EFA202214	EFA202214	100%	100%	100%
EFA202214	EFM200824	96%	95.9%	96.9%
EFA202214	ECO103115	61%	81.6%	95.3%
EFA202214	HIN100859	58%	81.6%	94.1%
EFA202214	HPY100293	58%	81.6%	90.9%
EFA202214	KPN300596	60%	81.6%	95.3%
EFA202214	LPN100139	54%	83.7%	90.2%
EFA202214	LMO100798	85%	92.9%	94.8%
EFA202214	MCA101440	55%	81.6%	95.3%
EFA202214	MAV104122	57%	81.6%	89.8%
EFA202214	MBV104431	62%	81.6%	91.9%
EFA202214	MLP100903	59%	84.7%	93.2%
EFA202214	MTU202405	62%	81.6%	91.9%
EFA202214	MGE100239	61%	87.8%	82.7%
EFA202214	MPN100509	61%	90.8%	87.5%
EFA202214	NGO101635	57%	83.7%	92.2%
EFA202214	NME202000	59%	83.7%	92.2%
EFA202214	PMU100348	60%	81.6%	95.3%
EFA202214	PRT100790	60%	81.6%	95.3%
EFA202214	PAE204565	66%	81.6%	95.3%
EFA202214	PPU109793	62%	73.5%	84.7%
EFA202214	PSY102707	56%	83.7%	91.2%
EFA202214	SPA100460	61%	81.6%	95.3%
EFA202214	STY101487	61%	81.6%	95.3%
EFA202214	SAU801645	81%	94.9%	93.9%
EFA202214	SEP201610	82%	94.9%	93.9%
EFA202214	SHA100024	84%	94.9%	93.9%
EFA202214	SMU100757	93%	90.8%	91.8%
EFA202214	SPN401014	90%	89.8%	98.9%
EFA202214	SPY200612	92%	90.8%	91.8%
EFA202214	TPA100735	56%	81.6%	93.1%
EFA202214	UUR100211	57%	96.9%	95%
EFA202214	VCH100431	62%	81.6%	94.2%
EFA202214	YPS002142	61%	81.6%	95.3%
EFA202216	BAN108189	34%	94.7%	93.9%
EFA202216	BAN100435	34%	94.7%	93.9%
EFA202216	CAC103671	25%	94.7%	96.0%
EFA202216	CBO101665	33%	94.7%	95.4%
EFA202216	CDF103326	31%	94.7%	97.1%
EFA202216	EFA202216	100%	100%	100%
EFA202216	EFM200511	74%	100%	100%
EFA202216	LMO102819	32%	86.0%	88.6%
EFA202216	SAU801646	36%	85.1%	82.1%
EFA202216	SEP201611	37%	85.1%	86.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202216	SHA100023	35%	86.0%	87.7%
EFA202216	SMU100756	37%	99.1%	100%
EFA202216	SPN401013	45%	99.1%	99.1%
EFA202216	SPY200611	40%	97.4%	100%
EFA202216	TPA100736	43%	44.7%	44.4%
EFA202216	UUR100212	44%	25.4%	28.4%
EFA202217	ABA105440	41%	95.3%	99.0%
EFA202217	BAN107763	67%	96.2%	100%
EFA202217	BAN108298	67%	96.2%	100%
EFA202217	BFR10884	41%	99.1%	89.3%
EFA202217	BPT104764	46%	99.1%	43.3%
EFA202217	BBU100777	33%	94.3%	98.1%
EFA202217	BCE111959	48%	96.2%	100%
EFA202217	BFU106477	47%	98.1%	84.7%
EFA202217	BMA107479	47%	96.2%	100%
EFA202217	CJU100083	42%	96.2%	100%
EFA202217	CPN200203	44%	93.4%	95.3%
EFA202217	CTR200691	43%	90.6%	92.5%
EFA202217	CAC100327	52%	96.2%	100%
EFA202217	CBO100385	53%	99.1%	80.5%
EFA202217	CDF101910	51%	99.1%	100%
EFA202217	CDP101222	38%	94.3%	99.0%
EFA202217	EBC100460	42%	26.4%	87.5%
EFA202217	EFA202217	100%	100%	100%
EFA202217	EFM200259	96%	96.2%	100%
EFA202217	ECO103116	41%	96.2%	100%
EFA202217	HIN100860	44%	96.2%	100%
EFA202217	HPY100292	40%	95.3%	98.1%
EFA202217	KPN300595	40%	84.0%	100%
EFA202217	LPN100481	44%	94.3%	98.1%
EFA202217	LMO101855	65%	96.2%	100%
EFA202217	MCA101422	48%	96.2%	100%
EFA202217	MAV102387	39%	93.4%	96.1%
EFA202217	MBV104430	40%	97.2%	99.0%
EFA202217	MLP100904	40%	93.4%	96.1%
EFA202217	MTU202406	40%	97.2%	99.0%
EFA202217	MGE100237	36%	91.5%	94%
EFA202217	MPN100511	40%	91.5%	94%
EFA202217	NGO101632	44%	98.1%	92.1%
EFA202217	NME201999	45%	94.3%	99.0%
EFA202217	PMU100347	47%	96.2%	100%
EFA202217	PRT100789	43%	94.3%	99.0%
EFA202217	PAE204566	47%	96.2%	100%
EFA202217	PPU108773	46%	95.3%	65.0%
EFA202217	PSY108282	47%	97.2%	65.4%
EFA202217	SPA100461	38%	66.0%	98.6%
EFA202217	STY101488	40%	96.2%	100%
EFA202217	SAU801647	62%	96.2%	100%
EFA202217	SEP201612	62%	96.2%	100%
EFA202217	SMU100215	79%	97.2%	99.0%
EFA202217	SPN401012	82%	97.2%	99.0%
EFA202217	SPY200610	79%	97.2%	99.0%
EFA202217	TPA100737	39%	94.3%	97.1%
EFA202217	UUR100213	53%	95.3%	98%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202217	VCH100430	49%	96.2%	100%
EFA202217	YPS002148	39%	96.2%	100%
EFA202221	ABA100916	42%	98.2%	98.0%
EFA202221	BAN105403	40%	100%	61.2%
EFA202221	BAN108663	55%	100%	100%
EFA202221	BFR10219	46%	99.0%	99.8%
EFA202221	BPT100915	43%	96.2%	94.5%
EFA202221	BBU100056	49%	98.5%	98.7%
EFA202221	BCE102342	44%	96.0%	94.2%
EFA202221	BFU103508	43%	98.7%	97.2%
EFA202221	BMA100384	44%	97.2%	74.1%
EFA202221	CJU101321	46%	99.0%	98%
EFA202221	CPN200066	43%	98.2%	97.8%
EFA202221	CTR200065	45%	98.2%	97.8%
EFA202221	CAC103753	60%	99.5%	99.0%
EFA202221	CBO101340	56%	99.5%	98.5%
EFA202221	CDF102694	57%	99.5%	98.8%
EFA202221	CDP100277	50%	98.7%	99.0%
EFA202221	EBC103702	45%	98.2%	97.4%
EFA202221	EFA202221	100%	100%	100%
EFA202221	EFM101382	85%	46.3%	100%
EFA202221	ECO102861	45%	98.2%	97.4%
EFA202221	HIN100504	46%	96.7%	95.9%
EFA202221	HPY101327	43%	97.2%	95.0%
EFA202221	KPN300275	52%	13.9%	70.5%
EFA202221	KPN303058	45%	98.2%	97.4%
EFA202221	LPN100314	44%	98.7%	97.0%
EFA202221	LMO100280	79%	100%	100%
EFA202221	MCA101090	39%	99.2%	99.7%
EFA202221	MAV100345	46%	98.5%	96.9%
EFA202221	MBV102164	46%	94.7%	58.1%
EFA202221	MLP100355	45%	97.7%	95.4%
EFA202221	MTU201418	45%	98.5%	96.8%
EFA202221	MGE100306	48%	98.5%	96.9%
EFA202221	MPN100412	50%	99.2%	99.0%
EFA202221	NGO102027	44%	99.2%	97.5%
EFA202221	NME200241	43%	100%	99.5%
EFA202221	PMU101860	46%	96.7%	95.9%
EFA202221	PRT106062	46%	98.2%	97.9%
EFA202221	PAE200551	45%	98.2%	97.4%
EFA202221	PPU104664	44%	98.2%	97.4%
EFA202221	PSY100209	43%	98.2%	96.9%
EFA202221	SPA101905	45%	98.2%	97.9%
EFA202221	STY104499	45%	98.2%	97.4%
EFA202221	SAU800773	73%	100%	100%
EFA202221	SEP201416	73%	100%	100%
EFA202221	SHA101582	73%	100%	100%
EFA202221	SMU100692	67%	100%	100%
EFA202221	SPN400441	68%	100%	100%
EFA202221	SPY201449	68%	100%	100%
EFA202221	TPA100532	44%	99.2%	99.5%
EFA202221	UUR100281	38%	99.2%	96.7%
EFA202221	VCH100472	44%	96.7%	94.6%
EFA202221	YPS000197	45%	98.2%	97.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202223	ABA104568	61%	97.9%	99.8%
EFA202223	BAN112137	72%	8.3%	97.3%
EFA202223	BAN104797	54%	98.6%	99.5%
EFA202223	BAN107021	79%	99.5%	99.8%
EFA202223	BFR12193	67%	96.5%	97.4%
EFA202223	BPT101700	63%	99.5%	100%
EFA202223	BBU100336	66%	99.3%	99.1%
EFA202223	BCE108074	66%	99.5%	100%
EFA202223	BFU100260	67%	67.4%	98.6%
EFA202223	BFU102355	65%	99.5%	100%
EFA202223	BMA107873	63%	48.8%	99.5%
EFA202223	CJU101577	55%	95.1%	97.3%
EFA202223	CPN201052	59%	96.5%	95.8%
EFA202223	CTR200865	58%	98.1%	98.3%
EFA202223	CAC102398	68%	98.8%	98.4%
EFA202223	CBO103490	68%	98.6%	98.1%
EFA202223	CDF100088	70%	22.2%	100%
EFA202223	CDF100292	71%	99.5%	95.8%
EFA202223	CDP100889	60%	98.6%	98.8%
EFA202223	EBC102297	64%	98.1%	98.6%
EFA202223	EFA202223	100%	100%	100%
EFA202223	EFM100534	97%	88.7%	100%
EFA202223	ECO102719	65%	98.1%	98.6%
EFA202223	HIN100911	64%	98.4%	98.9%
EFA202223	HPY100151	57%	95.8%	96.7%
EFA202223	KPN305114	65%	98.1%	98.6%
EFA202223	LPN102643	59%	94.7%	96.2%
EFA202223	LMO102639	78%	99.5%	99.8%
EFA202223	MCA101099	60%	98.8%	95.7%
EFA202223	MAV105503	58%	98.6%	98.1%
EFA202223	MBV103580	58%	98.1%	95.4%
EFA202223	MLP100182	57%	98.1%	93.7%
EFA202223	MTU201012	58%	98.6%	98.1%
EFA202223	MGE100419	55%	99.8%	97.2%
EFA202223	MPN100236	56%	98.8%	96.7%
EFA202223	NGO100995	63%	99.3%	99.5%
EFA202223	NME201361	63%	99.3%	99.5%
EFA202223	PMU101871	65%	98.4%	98.8%
EFA202223	PRT101034	63%	98.1%	98.6%
EFA202223	PAE203633	64%	98.6%	99.5%
EFA202223	PPU109835	63%	94.0%	99.5%
EFA202223	PSY104326	63%	98.6%	91.0%
EFA202223	SPA104184	65%	98.1%	98.6%
EFA202223	STY103508	65%	98.1%	98.6%
EFA202223	SAU800776	74%	99.3%	99.5%
EFA202223	SEP201419	72%	99.3%	99.5%
EFA202223	SHA101585	78%	39.8%	100%
EFA202223	SMU100190	80%	99.5%	99.8%
EFA202223	SPN401036	82%	99.5%	99.8%
EFA202223	SPY200535	80%	99.5%	99.8%
EFA202223	TPA100808	62%	98.6%	98.8%
EFA202223	UUR100184	47%	97.9%	98.9%
EFA202223	VCH102411	63%	98.1%	98.6%
EFA202223	YPS000129	65%	98.1%	98.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202274	ABA100276	27%	95.0%	96.4%
EFA202274	BAN108536	59%	98.4%	99.9%
EFA202274	BAN106673	61%	99.4%	99.3%
EFA202274	BFR102747	29%	97.5%	98.5%
EFA202274	BPT101447	26%	95.4%	95.3%
EFA202274	BBU100586	25%	97.6%	90.7%
EFA202274	BCE102027	26%	71.3%	92.2%
EFA202274	BFU100073	25%	56.6%	88.0%
EFA202274	BMA108903	26%	71.6%	92.5%
EFA202274	CJU100777	39%	97.3%	99.2%
EFA202274	CPN200639	27%	70.8%	90.9%
EFA202274	CTR200296	28%	70.3%	90.2%
EFA202274	CAC100973	54%	98.4%	99.5%
EFA202274	CBO102771	55%	95.6%	92.4%
EFA202274	CDF101033	52%	95.0%	96.3%
EFA202274	CDP100167	29%	70.3%	84.4%
EFA202274	EBC101813	28%	96.5%	97.3%
EFA202274	EFA202274	100%	100%	100%
EFA202274	EFM201416	86%	98.8%	100%
EFA202274	ECO102073	29%	95.1%	96.0%
EFA202274	HIN101245	27%	98.1%	99.1%
EFA202274	HPY100413	38%	97.6%	99.2%
EFA202274	KPN304492	29%	95.1%	95.6%
EFA202274	LPN100787	27%	96.2%	97.5%
EFA202274	LMO100235	67%	98.4%	99.4%
EFA202274	MCA102320	28%	98.8%	100%
EFA202274	MAV104609	42%	8.0%	78.3%
EFA202274	MAV106118	42%	76.8%	98.8%
EFA202274	MBV100570	41%	76.2%	97.9%
EFA202274	MLP100169	42%	76.2%	95.0%
EFA202274	MTU200996	41%	76.2%	97.9%
EFA202274	MGE100021	35%	76.1%	99.2%
EFA202274	MPN100131	36%	76.1%	99.2%
EFA202274	NGO101883	28%	95.9%	97.4%
EFA202274	NME200259	27%	95.9%	97.4%
EFA202274	PMU100303	29%	97.0%	98.1%
EFA202274	PRT101803	28%	94.2%	95.3%
EFA202274	PAE203480	26%	95.4%	96.6%
EFA202274	PPU101569	27%	95.4%	96.6%
EFA202274	PSY100792	27%	95.4%	96.6%
EFA202274	SPA103088	28%	69.1%	85.0%
EFA202274	STY104199	29%	95.1%	96.0%
EFA202274	STM103952	29%	95.1%	96.0%
EFA202274	SAU800490	58%	98.2%	99.5%
EFA202274	SEP201823	57%	98.2%	99.5%
EFA202274	SHA100909	57%	98.2%	99.5%
EFA202274	SMU101170	62%	98.7%	99.9%
EFA202274	SPN400696	64%	98.7%	97.8%
EFA202274	SPY200301	62%	97.9%	99.2%
EFA202274	TPA100790	25%	96.8%	91.6%
EFA202274	UUR100197	44%	77.7%	100%
EFA202274	VCH101017	28%	95.9%	90.6%
EFA202274	YPS002325	27%	94.2%	95.3%
EFA202276	ABA104455	25%	93.7%	84.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202276	BAN109049	46%	14.0%	74.7%
EFA202276	BAN110149	32%	98.1%	97.6%
EFA202276	BAN106497	35%	90.7%	97.7%
EFA202276	BAN105967	41%	99.1%	97.2%
EFA202276	BAN110560	41%	98.1%	96.2%
EFA202276	BAN109567	44%	94.4%	97.1%
EFA202276	BAN113683	44%	98.1%	96.6%
EFA202276	BFR11337	36%	98.3%	86.3%
EFA202276	BCE113281	45%	98.3%	95.8%
EFA202276	BMA110031	44%	98.3%	98.1%
EFA202276	CAC101716	33%	29.4%	97.1%
EFA202276	CAC102152	41%	68.7%	100%
EFA202276	CAC102361	41%	98.3%	97.2%
EFA202276	EFA202276	100%	100%	100%
EFA202276	EFM202409	67%	52.9%	98%
EFA202276	LPN100410	27%	87.9%	97.7%
EFA202276	LMO102666	49%	98.1%	98.5%
EFA202276	MCA100347	23%	82.5%	83.3%
EFA202276	MAV101379	36%	94.6%	90.7%
EFA202276	MBV104872	36%	94.4%	93.5%
EFA202276	MTU203210	36%	94.4%	92.3%
EFA202276	MGE100231	21%	59.4%	68.6%
EFA202276	MPN100517	23%	67.8%	66.4%
EFA202276	PMU100162	22%	75.2%	74.0%
EFA202276	PAE203595	23%	92.0%	92.7%
EFA202276	PPU108666	25%	94.0%	81.2%
EFA202276	SPA101650	22%	90.9%	94.4%
EFA202276	SAU802603	33%	97.8%	96.1%
EFA202276	SEP201258	35%	97.4%	95.4%
EFA202276	SHA101835	34%	98.1%	96.1%
EFA202276	SMU101189	50%	98.7%	98.1%
EFA202276	SPN400905	49%	98.7%	98.7%
EFA202276	SPY200012	51%	98.5%	99.4%
EFA202296	ABA100452	38%	95.5%	97.6%
EFA202296	BFR103869	46%	91.5%	99.6%
EFA202296	BPT101155	44%	91.5%	90.3%
EFA202296	BBU100697	41%	90.7%	92.5%
EFA202296	BCE110744	42%	91.1%	86.4%
EFA202296	BFU102064	42%	91.1%	88.0%
EFA202296	BMA102082	40%	91.1%	86.4%
EFA202296	CJU100663	42%	90.7%	96.6%
EFA202296	CPN200644	47%	90.7%	60.7%
EFA202296	CTR200291	43%	90.7%	62.2%
EFA202296	CAC101341	43%	97.2%	97.1%
EFA202296	CBO102927	48%	98.8%	98.8%
EFA202296	CDF104123	52%	90.7%	97.0%
EFA202296	CDP101153	40%	93.1%	92.8%
EFA202296	EBC100905	46%	98.8%	95.3%
EFA202296	EFA202296	100%	100%	100%
EFA202296	ECO102554	46%	98.8%	95.3%
EFA202296	HIN100192	47%	98.8%	98.8%
EFA202296	HPY101131	39%	91.5%	98.3%
EFA202296	KPN300514	37%	46.3%	100%
EFA202296	LPN101866	43%	98.8%	97.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202296	LMO102506	61%	97.2%	98.0%
EFA202296	MCA100037	35%	96.3%	98%
EFA202296	MAV103396	46%	91.1%	95.0%
EFA202296	MBV102286	47%	90.7%	98.3%
EFA202296	MLP100985	45%	90.7%	95.0%
EFA202296	MTU202868	47%	90.7%	98.3%
EFA202296	MGE100454	41%	90.7%	94.4%
EFA202296	MPN100183	45%	82.1%	93.8%
EFA202296	NGO102006	42%	100%	98.8%
EFA202296	NME200733	44%	100%	98.8%
EFA202296	PMU101297	48%	98.8%	99.2%
EFA202296	PRT100820	47%	98.8%	97.2%
EFA202296	PAE203740	44%	98.4%	96.8%
EFA202296	PPU107801	47%	98.8%	97.2%
EFA202296	PSY102681	47%	98.8%	94.2%
EFA202296	SPA101890	45%	98.0%	94.5%
EFA202296	STY102217	46%	98.8%	95.3%
EFA202296	SAU801240	54%	98.0%	97.6%
EFA202296	SEP201533	54%	98.8%	98.4%
EFA202296	SMU100806	58%	98.8%	98.8%
EFA202296	SPN400687	60%	99.6%	100%
EFA202296	SPY200632	59%	98.4%	97.1%
EFA202296	TPA100898	40%	98.8%	97.2%
EFA202296	UUR100574	42%	91.5%	96.9%
EFA202296	VCH100553	47%	98.8%	98.4%
EFA202296	YPS003421	45%	99.6%	99.6%
EFA202298	ABA100455	62%	96.5%	91.0%
EFA202298	BFR102397	59%	84.3%	82.9%
EFA202298	BPT100242	55%	94.8%	90.5%
EFA202298	BBU100698	49%	94.8%	90.9%
EFA202298	BCE107881	54%	94.8%	87.7%
EFA202298	BFU102066	54%	97.4%	90.7%
EFA202298	BMA100174	54%	94.8%	88.4%
EFA202298	CJU100664	48%	99.1%	98.3%
EFA202298	CPN200643	51%	94.8%	90.1%
EFA202298	CTR200292	49%	98.3%	93.4%
EFA202298	CAC102258	60%	99.1%	100%
EFA202298	CBO102492	57%	97.4%	98.2%
EFA202298	CDF103914	62%	99.1%	98.3%
EFA202298	CDP101148	65%	96.5%	98.2%
EFA202298	EBC100906	58%	97.4%	97.4%
EFA202298	EFA202298	100%	100%	100%
EFA202298	EFM202223	96%	100%	100%
EFA202298	ECO102553	58%	97.4%	97.4%
EFA202298	HIN100191	58%	97.4%	96.6%
EFA202298	HPY101130	50%	98.3%	97.5%
EFA202298	KPN301017	58%	97.4%	97.4%
EFA202298	LPN101449	56%	97.4%	93.4%
EFA202298	LMO102632	82%	99.1%	100%
EFA202298	MCA100220	61%	96.5%	89.4%
EFA202298	MAV102886	66%	91.3%	92.9%
EFA202298	MBV102292	68%	88.7%	90.3%
EFA202298	MLP100984	67%	91.3%	92.9%
EFA202298	MTU202866	68%	88.7%	90.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202298	MGE100453	47%	94.8%	90.8%
EFA202298	MPN100184	48%	94.8%	90.8%
EFA202298	NGO102004	62%	94.8%	92.6%
EFA202298	NME200732	63%	94.8%	92.6%
EFA202298	PMU101298	58%	97.4%	96.6%
EFA202298	PRT100819	57%	97.4%	95.7%
EFA202298	PAE203739	61%	96.5%	95.7%
EFA202298	PPU107802	58%	96.5%	95.7%
EFA202298	PSY103791	57%	96.5%	95.7%
EFA202298	SPA101891	58%	97.4%	97.4%
EFA202298	STY102215	58%	97.4%	97.4%
EFA202298	SAU801241	74%	96.5%	95.7%
EFA202298	SEP201534	75%	96.5%	95.7%
EFA202298	SMU100257	81%	100%	100%
EFA202298	SPN401170	86%	100%	100%
EFA202298	SPY200530	83%	100%	100%
EFA202298	TPA100899	59%	93.9%	87.8%
EFA202298	UUR100573	58%	90.4%	84.6%
EFA202298	VCH100554	62%	97.4%	95.7%
EFA202298	YPS003417	56%	97.4%	97.4%
EFA202378	ABA102548	48%	8.6%	92.7%
EFA202378	ABA101894	43%	99.3%	99.1%
EFA202378	BAN112993	54%	11.9%	93.8%
EFA202378	BAN112360	54%	73.3%	100%
EFA202378	BAN110893	60%	99.7%	99.4%
EFA202378	BFR11415	40%	98.9%	99.2%
EFA202378	BPT101143	44%	99.3%	99.5%
EFA202378	BBU100219	38%	79.9%	100%
EFA202378	BCE107013	47%	48.0%	94.4%
EFA202378	BFU114595	43%	99.3%	99.5%
EFA202378	BMA107024	44%	99.3%	99.5%
EFA202378	CJU100469	41%	98.2%	98.7%
EFA202378	CPN200957	36%	97.8%	97.7%
EFA202378	CTR200124	36%	99.4%	99.5%
EFA202378	CAC100475	45%	99.4%	99.2%
EFA202378	CBO102316	47%	99.3%	99.1%
EFA202378	CDF100894	45%	99.0%	98.7%
EFA202378	CDP100382	39%	99.0%	99.4%
EFA202378	EBC101519	45%	98.4%	100%
EFA202378	EFA202378	100%	100%	100%
EFA202378	EFM102001	87%	14.2%	100%
EFA202378	ECO102637	44%	99.3%	99.2%
EFA202378	HIN100794	44%	99.2%	99.3%
EFA202378	HPY101224	40%	98.5%	98.8%
EFA202378	KPN301584	45%	99.3%	99.3%
EFA202378	LPN103164	40%	99.3%	99.7%
EFA202378	LMO101358	65%	99.7%	99.4%
EFA202378	MCA100516	42%	99.7%	99.4%
EFA202378	MAV107627	31%	6.1%	40.5%
EFA202378	MAV102135	39%	97.5%	99.0%
EFA202378	MBV100967	38%	99.4%	99.3%
EFA202378	MLP100309	37%	99.4%	99.7%
EFA202378	MTU202518	38%	99.4%	99.3%
EFA202378	MGE100298	35%	93.5%	91.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202378	MPN100422	34%	93.0%	90%
EFA202378	NGO101407	44%	99.3%	99.4%
EFA202378	NME201646	44%	99.3%	99.4%
EFA202378	PMU101287	43%	99.2%	99.3%
EFA202378	PRT101312	43%	99.2%	99.2%
EFA202378	PAE200902	46%	99.3%	99.5%
EFA202378	PPU106922	43%	98.6%	98.9%
EFA202378	PSY103114	45%	92.0%	96.8%
EFA202378	SPA101276	44%	99.2%	99.7%
EFA202378	STY102766	45%	99.3%	99.2%
EFA202378	SAU801618	55%	99.9%	99.9%
EFA202378	SEP201165	56%	99.9%	99.9%
EFA202378	SHA101190	55%	99.7%	99.3%
EFA202378	SMU100824	62%	99.2%	99.5%
EFA202378	SPN401239	62%	99.2%	99.5%
EFA202378	SPY201063	61%	99.2%	99.5%
EFA202378	TPA101007	40%	79.8%	98.5%
EFA202378	UUR100371	35%	100%	100%
EFA202378	VCH100535	44%	99.4%	99.4%
EFA202378	YPS003498	44%	99.4%	99.4%
EFA202536	EFA202536	100%	100%	100%
EFA202608	EFA202608	100%	100%	100%
EFA202631	EFA204185	57%	20.0%	50.7%
EFA202631	EFA202629	39%	3.7%	13.3%
EFA202631	EFA204186	36%	99.5%	99.5%
EFA202631	EFA204183	39%	100%	100%
EFA202631	EFA202631	100%	100%	100%
EFA202631	EFA204184	23%	48.2%	93.2%
EFA202631	EFA200995	23%	64.1%	47.2%
EFA202631	EFA203904	45%	37.5%	12.7%
EFA202631	NME200958	19%	14.5%	48.4%
EFA202631	SAU502622	28%	6.4%	41.7%
EFA202631	SPN300598	24%	11.7%	7.3%
EFA202631	SPY200299	26%	7.7%	6.3%
EFA202953	BAN104895	86%	100%	100%
EFA202953	BAN100258	86%	100%	100%
EFA202953	BBU100490	54%	100%	82.4%
EFA202953	CJU101598	63%	100%	100%
EFA202953	CAC102855	67%	100%	100%
EFA202953	CBO101206	67%	100%	100%
EFA202953	CDF102552	68%	100%	100%
EFA202953	EFA202953	100%	100%	100%
EFA202953	EFM201806	98%	100%	100%
EFA202953	HPY101288	63%	100%	100%
EFA202953	LPN101663	50%	98.4%	56%
EFA202953	LMO100535	86%	100%	100%
EFA202953	MAV102072	55%	100%	100%
EFA202953	MBV101641	55%	100%	100%
EFA202953	MLP101124	55%	100%	100%
EFA202953	MTU200714	55%	100%	100%
EFA202953	MGE100167	63%	100%	100%
EFA202953	MPN100653	62%	100%	100%
EFA202953	SAU802237	77%	100%	100%
EFA202953	SEP202534	77%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA202953	SHA103188	77%	100%	100%
EFA202953	SMU102003	88%	100%	100%
EFA202953	SPY200050	93%	100%	100%
EFA202953	TPA100200	55%	100%	100%
EFA202953	UUR100246	67%	100%	100%
EFA203061	ABA102503	45%	90.9%	79.7%
EFA203061	BAN113355	62%	100%	100%
EFA203061	BAN109536	62%	100%	100%
EFA203061	BFR104500	39%	95.5%	100%
EFA203061	BPT100293	40%	93.9%	95.4%
EFA203061	BBU100188	31%	90.9%	90.9%
EFA203061	BCE106262	41%	87.9%	93.5%
EFA203061	BFU102444	39%	87.9%	93.5%
EFA203061	BMA105698	43%	93.9%	95.4%
EFA203061	CJU100216	38%	93.9%	96.8%
EFA203061	CPN200848	39%	87.9%	95.3%
EFA203061	CTR200217	39%	87.9%	95.3%
EFA203061	CAC101588	46%	93.9%	95.4%
EFA203061	CBO102406	48%	93.9%	95.4%
EFA203061	CDF104095	54%	93.9%	96.9%
EFA203061	CDP100973	50%	93.9%	96.9%
EFA203061	EBC102982	53%	81.8%	83.1%
EFA203061	EFA203061	100%	100%	100%
EFA203061	EFM202134	87%	100%	100%
EFA203061	ECO101685	51%	81.8%	83.1%
EFA203061	HIN101285	53%	81.8%	60.7%
EFA203061	HPY100123	35%	97.0%	98.4%
EFA203061	KPN301691	51%	81.8%	83.1%
EFA203061	LPN101798	37%	92.4%	98.4%
EFA203061	LMO101064	65%	100%	100%
EFA203061	MAV106547	37%	93.9%	96.9%
EFA203061	MBV101273	40%	93.9%	96.9%
EFA203061	MLP100865	38%	93.9%	96.9%
EFA203061	MTU201621	40%	93.9%	96.9%
EFA203061	MGE100199	44%	81.8%	91.5%
EFA203061	MPN100038	46%	81.8%	91.5%
EFA203061	NGO101853	45%	93.9%	95.4%
EFA203061	NME200856	45%	93.9%	95.4%
EFA203061	PMU100603	53%	81.8%	83.1%
EFA203061	PRT103408	51%	81.8%	83.1%
EFA203061	PAE202740	50%	93.9%	95.3%
EFA203061	PPU103712	40%	93.9%	88.4%
EFA203061	PSY107471	38%	93.9%	95.3%
EFA203061	SPA100656	51%	81.8%	83.1%
EFA203061	STY101126	51%	81.8%	83.1%
EFA203061	STM103447	51%	81.8%	83.1%
EFA203061	SAU801679	66%	100%	100%
EFA203061	SEP201663	68%	100%	100%
EFA203061	SHA100081	66%	100%	100%
EFA203061	SMU100910	77%	100%	100%
EFA203061	SPN400862	78%	100%	100%
EFA203061	SPY200597	79%	89.4%	90.8%
EFA203061	TPA100840	33%	93.9%	93.9%
EFA203061	UUR100230	43%	90.9%	93.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA203061	VCH103019	37%	93.9%	95.3%
EFA203061	YPS003064	48%	81.8%	83.1%
EFA203071	EFA203138	100%	100%	100%
EFA203071	EFA203071	100%	100%	100%
EFA203071	MCA103470	66%	67.5%	60%
EFA203071	MAV104787	71%	52.5%	27.6%
EFA203071	NGO102501	60%	50%	33.3%
EFA203071	NGO103053	60%	50%	33.3%
EFA203071	NGO103118	60%	50%	33.3%
EFA203071	NGO102478	60%	50%	33.3%
EFA203071	SAU103910	70%	42.5%	50%
EFA203137	ABA100104	65%	100%	100%
EFA203137	BPT104512	63%	100%	100%
EFA203137	BBU100498	70%	97.4%	92.3%
EFA203137	BCE112105	63%	100%	100%
EFA203137	BFU103878	63%	100%	100%
EFA203137	BMA103855	63%	100%	100%
EFA203137	CJU101497	76%	100%	100%
EFA203137	CPN200908	50%	97.4%	84.4%
EFA203137	CTR200164	44%	97.4%	84.4%
EFA203137	CAC101480	81%	100%	100%
EFA203137	CBO103541	84%	100%	97.4%
EFA203137	CDF103770	81%	100%	100%
EFA203137	CDP102780	42%	100%	100%
EFA203137	EBC103975	45%	86.8%	71.7%
EFA203137	EFA203137	100%	100%	100%
EFA203137	EFM202440	100%	100%	100%
EFA203137	ECO103222	63%	100%	100%
EFA203137	HIN100779	63%	100%	100%
EFA203137	HPY101279	71%	100%	100%
EFA203137	KPN202806	45%	86.8%	71.7%
EFA203137	LMO101459	86%	100%	100%
EFA203137	MCA102164	48%	86.8%	71.7%
EFA203137	MBV104764	71%	100%	100%
EFA203137	MLP101198	73%	100%	100%
EFA203137	MTU203414	71%	100%	100%
EFA203137	MGE100177	60%	100%	100%
EFA203137	MPN100643	63%	100%	100%
EFA203137	NGO101308	54%	63.2%	58.5%
EFA203137	NME200101	57%	100%	100%
EFA203137	PMU101394	60%	100%	100%
EFA203137	PRT103159	68%	100%	100%
EFA203137	PAE204240	68%	100%	100%
EFA203137	PSY103480	68%	100%	67.9%
EFA203137	SPA100818	52%	65.8%	54.3%
EFA203137	STY104823	63%	100%	100%
EFA203137	STM104443	52%	65.8%	54.3%
EFA203137	SAU802227	84%	100%	100%
EFA203137	SEP202480	84%	100%	100%
EFA203137	SHA100499	84%	100%	100%
EFA203137	SMU100592	89%	100%	100%
EFA203137	SPN400212	92%	100%	100%
EFA203137	SPY200060	89%	100%	100%
EFA203137	TPA100207	63%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA203137	UUR100256	65%	100%	100%
EFA203137	VCH102538	68%	100%	100%
EFA203137	YPS003891	65%	100%	100%
EFA203140	EFA203140	100%	100%	100%
EFA203246	EFA203246	100%	100%	100%
EFA203429	ABA100121	38%	96.9%	97.8%
EFA203429	BAN102691	38%	97.5%	94.8%
EFA203429	BAN100195	41%	96.9%	97.6%
EFA203429	BPT102941	37%	96.3%	98.0%
EFA203429	BCE100976	57%	43.8%	78.0%
EFA203429	BFU107829	39%	97.5%	99.4%
EFA203429	BMA104958	37%	96.3%	98.1%
EFA203429	CJU101215	38%	98.8%	99.3%
EFA203429	CPN200574	36%	98.8%	98.2%
EFA203429	CTR200393	34%	98.8%	99.4%
EFA203429	CAC102521	38%	98.1%	98.7%
EFA203429	CBO102046	36%	97.5%	98.1%
EFA203429	CDF101397	40%	97.5%	98%
EFA203429	EBC103552	33%	95.7%	97.4%
EFA203429	EFA203429	100%	100%	100%
EFA203429	EFM200558	55%	97.5%	92.8%
EFA203429	ECO103185	32%	95.7%	97.4%
EFA203429	HIN100950	35%	95.7%	97.4%
EFA203429	HPY100367	36%	98.8%	99.4%
EFA203429	KPN307946	32%	95.7%	97.4%
EFA203429	LPN101729	35%	96.3%	98.1%
EFA203429	LMO100213	42%	98.8%	98.7%
EFA203429	MCA103068	48%	58.6%	69.3%
EFA203429	NGO101619	37%	96.3%	98.0%
EFA203429	NME200553	37%	96.3%	98.0%
EFA203429	PMU101092	35%	95.7%	97.4%
EFA203429	PRT101210	34%	96.3%	98.1%
EFA203429	PAE204842	37%	97.5%	99.4%
EFA203429	PPU108140	36%	97.5%	99.3%
EFA203429	PSY100848	38%	97.5%	99.3%
EFA203429	SPA101602	33%	95.7%	97.4%
EFA203429	STY101662	33%	95.7%	97.4%
EFA203429	STM102306	33%	95.7%	97.4%
EFA203429	SAU801527	40%	97.5%	99.4%
EFA203429	SEP200910	34%	97.5%	99.4%
EFA203429	SHA101871	35%	97.5%	99.4%
EFA203429	SMU100535	45%	97.5%	99.4%
EFA203429	SPN400383	46%	97.5%	99.4%
EFA203429	SPY201346	44%	97.5%	99.4%
EFA203429	VCH100292	34%	95.7%	76.0%
EFA203429	YPS003132	33%	95.7%	97.4%
EFA203598	ABA104077	24%	70.5%	82.3%
EFA203598	EFA203598	100%	100%	100%
EFA203606	EFA203606	100%	100%	100%
EFA203606	HPY201414	24%	33.9%	47.8%
EFA203607	EFA204825	23%	99.2%	99.8%
EFA203607	EFA203607	100%	100%	100%
EFA203607	SPY101254	25%	37.9%	33.4%
EFA203904	BBU100284	22%	16.5%	31.2%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA203904	CAC100454	30%	9.8%	29.8%
EFA203904	EFA204186	47%	11.4%	37.7%
EFA203904	EFA204183	46%	13.6%	36.9%
EFA203904	EFA202631	45%	12.7%	37.5%
EFA203904	EFA202629	46%	37.0%	65.5%
EFA203904	EFA204185	39%	30.8%	7.9%
EFA203904	EFA203904	100%	100%	100%
EFA203904	HPY100177	23%	11.8%	23.8%
EFA203904	LPN101476	20%	25.4%	32.5%
EFA204122	EFA204122	100%	100%	100%
EFA204122	HPY100361	76%	64.1%	83.3%
EFA204646	BAN109062	21%	28.7%	50.4%
EFA204646	BAN102928	21%	28.7%	82.7%
EFA204646	EFA205116	38%	97.2%	95.8%
EFA204646	EFA204646	100%	100%	100%
EFA204646	MGE100429	24%	28.9%	31.4%
EFA204646	SHA102595	28%	19.4%	16.4%
EFA205207	BAN107825	37%	62.6%	84.2%
EFA205207	BAN111609	37%	62.6%	82.1%
EFA205207	CAC101019	26%	61.2%	87.9%
EFA205207	CBO102919	29%	56.1%	78%
EFA205207	CDF103744	28%	75.7%	88.2%
EFA205207	CDP101251	23%	88.3%	86.6%
EFA205207	EFA205207	100%	100%	100%
EFA205207	EFM202104	43%	99.5%	99.5%
EFA205207	LMO100809	35%	75.2%	91.4%
EFA205207	MAV103259	25%	100%	99.5%
EFA205207	MBV100536	25%	100%	90.0%
EFA205207	MLP100575	29%	41.6%	42.4%
EFA205207	MTU202113	25%	100%	90.0%
EFA205207	SAU801189	33%	95.8%	94.7%
EFA205207	SEP200923	33%	88.8%	95.9%
EFA205207	SHA100165	34%	90.2%	88.5%
EFA205207	SMU100097	31%	88.8%	90.6%
EFA205207	SPN401507	26%	68.7%	77.7%
EFA205207	SPY201168	25%	81.8%	84.9%
EFA205225	ABA102422	70%	94.4%	93.2%
EFA205225	BAN103338	86%	59.7%	100%
EFA205225	BFR100583	66%	100%	100%
EFA205225	BPT100892	69%	100%	100%
EFA205225	BBU100168	68%	97.2%	77.8%
EFA205225	BCE109557	69%	100%	100%
EFA205225	BFU100382	69%	100%	94.7%
EFA205225	BMA107769	68%	100%	100%
EFA205225	CJU101496	66%	100%	100%
EFA205225	CPN200690	54%	97.2%	95.9%
EFA205225	CTR200589	54%	97.2%	95.9%
EFA205225	CAC103209	75%	100%	100%
EFA205225	CBO100838	73%	100%	100%
EFA205225	CDF104286	75%	100%	100%
EFA205225	CDP100014	75%	100%	100%
EFA205225	EBC100928	71%	97.2%	97.2%
EFA205225	EFA205225	100%	100%	100%
EFA205225	EFM200666	98%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA205225	ECO100859	72%	97.2%	97.2%
EFA205225	HIN100527	70%	97.2%	83.3%
EFA205225	HPY101280	63%	100%	100%
EFA205225	KPN301361	70%	86.1%	96.9%
EFA205225	LPN102139	68%	100%	98.6%
EFA205225	LMO101112	93%	100%	100%
EFA205225	MCA100273	67%	97.2%	95.9%
EFA205225	MAV101015	75%	100%	100%
EFA205225	MBV100332	75%	100%	100%
EFA205225	MLP101199	75%	100%	100%
EFA205225	MTU203415	75%	100%	100%
EFA205225	MGE100176	45%	94.4%	97.1%
EFA205225	MPN100644	49%	95.8%	88.5%
EFA205225	NGO100894	71%	97.2%	97.2%
EFA205225	NME200102	71%	97.2%	97.2%
EFA205225	PMU101031	68%	97.2%	97.2%
EFA205225	PRT101847	71%	97.2%	97.2%
EFA205225	PAE202617	72%	97.2%	97.2%
EFA205225	PPU110129	72%	97.2%	97.2%
EFA205225	PSY108380	71%	97.2%	97.2%
EFA205225	SPA101389	72%	97.2%	97.2%
EFA205225	STY102886	72%	97.2%	97.2%
EFA205225	SAU802228	84%	100%	100%
EFA205225	SEP200242	83%	100%	100%
EFA205225	SHA100498	83%	100%	98.6%
EFA205225	SMU100596	86%	100%	100%
EFA205225	SPN400211	81%	100%	80%
EFA205225	SPY200059	84%	100%	100%
EFA205225	TPA100096	62%	97.2%	97.2%
EFA205225	UUR100255	55%	100%	97.3%
EFA205225	VCH101709	70%	97.2%	97.2%
EFA205225	YPS003792	71%	97.2%	97.2%
EFA205229	ABA100108	31%	98.3%	100%
EFA205229	BAN104365	67%	94.9%	93.3%
EFA205229	BFR100963	41%	94.9%	96.6%
EFA205229	BPT104115	39%	94.9%	91.8%
EFA205229	BBU100495	35%	94.9%	55.4%
EFA205229	BFU104042	41%	89.8%	84.1%
EFA205229	BMA107387	41%	89.8%	84.1%
EFA205229	CAC103086	43%	96.6%	100%
EFA205229	CBO100965	48%	98.3%	98.3%
EFA205229	CDF102795	49%	100%	96.7%
EFA205229	CDP102962	41%	94.9%	91.8%
EFA205229	EBC103644	43%	93.2%	93.2%
EFA205229	EFA205229	100%	100%	100%
EFA205229	EFM200795	81%	100%	100%
EFA205229	ECO103225	45%	93.2%	93.2%
EFA205229	HIN100776	40%	93.2%	93.2%
EFA205229	KPN300492	43%	89.8%	93.0%
EFA205229	LPN102267	50%	94.9%	91.8%
EFA205229	LMO100063	69%	100%	100%
EFA205229	MCA102911	34%	98.3%	98.3%
EFA205229	MAV102080	39%	94.9%	78.9%
EFA205229	MBV101607	40%	96.6%	87.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA205229	MLP101119	40%	96.6%	80.3%
EFA205229	MTU200719	40%	96.6%	87.7%
EFA205229	NGO102470	36%	93.2%	90.2%
EFA205229	NME200105	36%	93.2%	90.2%
EFA205229	PMU101397	40%	93.2%	93.2%
EFA205229	PRT100559	43%	93.2%	90.2%
EFA205229	PAE204243	42%	96.6%	98.3%
EFA205229	PPU108173	38%	96.6%	98.3%
EFA205229	PSY107474	36%	96.6%	98.3%
EFA205229	SPA106249	45%	93.2%	93.2%
EFA205229	STY105107	45%	93.2%	93.2%
EFA205229	SAU802232	62%	98.3%	98.3%
EFA205229	SEP202555	58%	98.3%	96.7%
EFA205229	SHA100092	60%	98.3%	98.3%
EFA205229	SMU102834	64%	100%	98.3%
EFA205229	SPN400207	62%	100%	98.3%
EFA205229	SPY200055	64%	100%	98.3%
EFA205229	VCH102541	41%	98.3%	100%
EFA205229	YPS004281	41%	93.2%	93.2%
EFA205255	ABA102168	46%	86.4%	96.7%
EFA205255	BAN110382	70%	94.2%	94.2%
EFA205255	BAN104944	71%	100%	100%
EFA205255	BFR103505	51%	96.1%	94.3%
EFA205255	BPT104094	52%	96.1%	93.4%
EFA205255	BBU100488	36%	94.2%	94.1%
EFA205255	BCE110380	51%	96.1%	95.1%
EFA205255	BFU100383	49%	96.1%	95.1%
EFA205255	BMA108868	53%	96.1%	95.1%
EFA205255	CJU101600	54%	64.1%	85.7%
EFA205255	CPN200109	46%	79.6%	70.3%
EFA205255	CTR200793	49%	61.2%	55.0%
EFA205255	CAC102906	48%	94.2%	92.5%
EFA205255	CBO100250	55%	94.2%	93.3%
EFA205255	CDF103678	58%	98.1%	99.0%
EFA205255	CDP101580	52%	96.1%	98.1%
EFA205255	EBC103629	48%	96.1%	95.2%
EFA205255	EFA205255	100%	100%	100%
EFA205255	EFM201757	88%	100%	100%
EFA205255	ECO103232	50%	96.1%	95.2%
EFA205255	HIN100769	43%	96.1%	96.1%
EFA205255	HPY101290	53%	64.1%	90.4%
EFA205255	KPN305017	50%	96.1%	95.2%
EFA205255	LMO101665	69%	100%	100%
EFA205255	MCA100154	48%	96.1%	94.3%
EFA205255	MAV102067	50%	96.1%	98.1%
EFA205255	MBV101639	50%	96.1%	98.1%
EFA205255	MLP101126	51%	96.1%	98.1%
EFA205255	MTU200712	50%	96.1%	98.1%
EFA205255	MGE100165	39%	96.1%	97.2%
EFA205255	MPN100655	40%	96.1%	97.3%
EFA205255	NGO100931	43%	94.2%	93.5%
EFA205255	NME200112	44%	94.2%	93.5%
EFA205255	PMU101404	44%	96.1%	96.1%
EFA205255	PRT103501	44%	35.0%	89.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA205255	PAE204250	48%	92.2%	91.3%
EFA205255	PPU104522	46%	97.1%	96.2%
EFA205255	PSY100105	45%	97.1%	96.2%
EFA205255	SPA104335	48%	96.1%	95.2%
EFA205255	STY101806	50%	96.1%	95.2%
EFA205255	SAU802239	65%	96.1%	94.3%
EFA205255	SEP200261	66%	96.1%	94.3%
EFA205255	SHA101599	64%	63.1%	91.5%
EFA205255	SMU100605	70%	99.0%	100%
EFA205255	SPN400200	69%	99.0%	100%
EFA205255	SPY200048	69%	99.0%	100%
EFA205255	TPA100198	48%	96.1%	94.2%
EFA205255	UUR100244	50%	97.1%	93.6%
EFA205255	VCH102548	47%	96.1%	94.3%
EFA205255	YPS002450	50%	96.1%	95.2%
EFA205257	BAN105005	85%	89.5%	97.7%
EFA205257	BFR100428	60%	87.4%	97.6%
EFA205257	BPT104067	46%	95.8%	97.8%
EFA205257	BBU100486	56%	84.2%	95.2%
EFA205257	BCE100913	54%	85.3%	90%
EFA205257	BFU103897	59%	33.7%	71.1%
EFA205257	BMA102592	54%	85.3%	90%
EFA205257	CJU101602	48%	83.2%	95.2%
EFA205257	CPN200107	53%	85.3%	93.0%
EFA205257	CTR200795	49%	85.3%	96.4%
EFA205257	CAC101333	64%	86.3%	97.6%
EFA205257	CBO101908	65%	86.3%	97.6%
EFA205257	CDF102812	67%	85.3%	96.4%
EFA205257	CDP102662	55%	87.4%	90.2%
EFA205257	EBC103647	54%	83.2%	94.0%
EFA205257	EFA205257	100%	100%	100%
EFA205257	EFM201704	94%	92.6%	100%
EFA205257	ECO103234	54%	83.2%	94.0%
EFA205257	HIN100766	57%	80%	89.4%
EFA205257	HPY101292	43%	86.3%	95.3%
EFA205257	KPN204999	53%	83.2%	94.0%
EFA205257	LMO101712	83%	89.5%	97.7%
EFA205257	MCA101811	56%	83.2%	87.8%
EFA205257	MAV102052	58%	85.3%	69.2%
EFA205257	MBV101010	55%	90.5%	63.2%
EFA205257	MLP101128	59%	85.3%	63.8%
EFA205257	MTU200707	55%	90.5%	63.2%
EFA205257	MGE100163	48%	86.3%	97.6%
EFA205257	MPN100657	55%	86.3%	97.6%
EFA205257	NGO102122	55%	89.5%	96.6%
EFA205257	NME200114	56%	89.5%	96.6%
EFA205257	PMU101406	57%	80%	89.4%
EFA205257	PRT103498	45%	71.6%	100%
EFA205257	PAE204252	53%	90.5%	97.7%
EFA205257	PPU104520	56%	90.5%	95.6%
EFA205257	PSY107655	52%	90.5%	97.7%
EFA205257	SPA104305	41%	83.2%	94.0%
EFA205257	STY101804	54%	83.2%	94.0%
EFA205257	SAU802241	80%	89.5%	97.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA205257	SEP200263	81%	89.5%	97.7%
EFA205257	SHA100777	80%	89.5%	97.7%
EFA205257	SMU100607	84%	89.5%	98.8%
EFA205257	SPN400198	87%	89.5%	98.8%
EFA205257	SPY200046	85%	89.5%	98.8%
EFA205257	TPA100196	56%	86.3%	97.6%
EFA205257	UUR100242	59%	86.3%	97.6%
EFA205257	VCH102550	57%	76.8%	86.9%
EFA205257	YPS002447	50%	86.3%	97.6%
EFA205258	BAN110808	73%	96.8%	90.9%
EFA205258	BFR105960	31%	96.8%	92.3%
EFA205258	BPT104063	42%	98.4%	96.8%
EFA205258	BBU100485	35%	91.9%	86.4%
EFA205258	BCE113660	41%	100%	96.9%
EFA205258	BFU103895	45%	100%	95.4%
EFA205258	BMA106564	43%	100%	96.9%
EFA205258	CJU101603	42%	91.9%	93.4%
EFA205258	CAC100885	63%	96.8%	89.6%
EFA205258	CBO100087	60%	96.8%	90%
EFA205258	CDF101032	63%	96.8%	84.5%
EFA205258	CDP102152	55%	90.3%	73.7%
EFA205258	EBC103651	45%	98.4%	96.8%
EFA205258	EFA205258	100%	100%	100%
EFA205258	EFM200524	96%	98.4%	98.4%
EFA205258	ECO103235	45%	98.4%	96.8%
EFA205258	HIN100765	45%	98.4%	96.8%
EFA205258	HPY101293	38%	91.9%	86.4%
EFA205258	KPN205610	45%	98.4%	96.8%
EFA205258	LMO100756	71%	96.8%	95.2%
EFA205258	MCA100557	47%	96.8%	92.3%
EFA205258	MAV108778	60%	90.3%	72.7%
EFA205258	MBV101011	62%	90.3%	72.7%
EFA205258	MLP101129	58%	90.3%	69.1%
EFA205258	MTU200706	62%	90.3%	72.7%
EFA205258	MGE100162	35%	91.9%	28.5%
EFA205258	MPN100658	36%	91.9%	51.4%
EFA205258	NGO103266	41%	96.8%	95.2%
EFA205258	NME200115	41%	96.8%	95.2%
EFA205258	PMU101407	47%	98.4%	96.8%
EFA205258	PRT104948	53%	66.1%	89.1%
EFA205258	PAE204253	42%	98.4%	96.8%
EFA205258	PPU108202	42%	98.4%	95.3%
EFA205258	PSY103398	42%	98.4%	95.3%
EFA205258	STY107537	45%	98.4%	96.8%
EFA205258	SAU802242	70%	96.8%	87.0%
EFA205258	SEP202582	70%	96.8%	87.0%
EFA205258	SHA103379	70%	96.8%	87.0%
EFA205258	SMU102853	57%	91.9%	82.6%
EFA205258	SPN400197	63%	91.9%	83.8%
EFA205258	SPY200045	59%	91.9%	83.8%
EFA205258	TPA100195	30%	85.5%	73.6%
EFA205258	UUR100241	38%	87.1%	76%
EFA205258	VCH102551	49%	98.4%	96.8%
EFA205258	YPS005126	45%	98.4%	96.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA205285	ABA100082	36%	97.9%	91.5%
EFA205285	BFR102748	32%	84.4%	89.6%
EFA205285	BPT104043	39%	94.8%	92.9%
EFA205285	BBU100479	32%	90.6%	91.3%
EFA205285	BCE100645	43%	95.8%	87.5%
EFA205285	BFU103900	43%	95.8%	87.5%
EFA205285	BMA108040	43%	95.8%	87.5%
EFA205285	CPN200100	35%	80.2%	88.3%
EFA205285	CTR200802	32%	83.3%	91.0%
EFA205285	CAC102428	53%	95.8%	93.9%
EFA205285	CBO102507	52%	92.7%	91.8%
EFA205285	CDF101975	57%	92.7%	92.7%
EFA205285	CDP102947	43%	91.7%	87.1%
EFA205285	EBC101608	37%	85.4%	83.8%
EFA205285	EFA205285	100%	100%	100%
EFA205285	ECO103241	38%	85.4%	83%
EFA205285	HIN100759	33%	97.9%	94.9%
EFA205285	KPN300697	38%	85.4%	83%
EFA205285	LMO100631	69%	96.9%	98.9%
EFA205285	MCA100250	43%	87.5%	78.9%
EFA205285	MAV102088	47%	93.8%	90%
EFA205285	MBV101017	47%	93.8%	90%
EFA205285	MLP101135	47%	91.7%	88%
EFA205285	MTU200700	47%	93.8%	90%
EFA205285	MGE100156	38%	85.4%	80.2%
EFA205285	MPN100664	36%	85.4%	35.9%
EFA205285	NGO102702	40%	96.9%	89.4%
EFA205285	NME200121	38%	96.9%	87.7%
EFA205285	PMU101413	35%	97.9%	94%
EFA205285	PRT100325	37%	85.4%	83%
EFA205285	PAE204259	36%	94.8%	91.9%
EFA205285	PPU102891	35%	94.8%	91.9%
EFA205285	PSY107072	35%	94.8%	91.9%
EFA205285	SPA104317	38%	85.4%	83%
EFA205285	STY101788	38%	85.4%	83%
EFA205285	SAU802248	68%	92.7%	97.8%
EFA205285	SEP200275	69%	92.7%	97.8%
EFA205285	SHA100770	73%	92.7%	97.8%
EFA205285	SPN400190	65%	97.9%	96.9%
EFA205285	SPY200039	68%	97.9%	96.9%
EFA205285	TPA100189	42%	83.3%	85.1%
EFA205285	UUR100235	33%	85.4%	81.9%
EFA205285	VCH102557	38%	85.4%	83%
EFA205285	YPS005095	38%	85.4%	83%
EFA205288	ABA100720	56%	64.7%	100%
EFA205288	BAN112470	85%	82.4%	100%
EFA205288	BFR102501	64%	97.1%	98.0%
EFA205288	BPT104019	64%	100%	85.7%
EFA205288	BBU100476	57%	99.0%	98.1%
EFA205288	BCE114850	64%	100%	82.3%
EFA205288	BFU100268	64%	100%	71.3%
EFA205288	BMA104676	64%	100%	99.0%
EFA205288	CJU101612	56%	96.1%	95.1%
EFA205288	CPN200200	66%	97.1%	94.3%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
EFA205288	CTR200710	67%	97.1%	94.3%
EFA205288	CAC101769	77%	100%	100%
EFA205288	CBO101448	76%	100%	100%
EFA205288	CDF104153	76%	61.8%	100%
EFA205288	CDP100914	71%	99.0%	100%
EFA205288	EBC101611	63%	100%	99.0%
EFA205288	EFA205288	100%	100%	100%
EFA205288	ECO103244	61%	100%	99.0%
EFA205288	HIN100756	63%	100%	86.4%
EFA205288	HPY101302	58%	95.1%	93.3%
EFA205288	KPN304660	63%	100%	94.4%
EFA205288	LMO100137	88%	100%	100%
EFA205288	MCA101858	62%	100%	99.0%
EFA205288	MAV102085	71%	99.0%	100%
EFA205288	MBV100992	71%	99.0%	100%
EFA205288	MLP101138	71%	99.0%	100%
EFA205288	MTU200697	71%	99.0%	100%
EFA205288	MGE100153	41%	92.2%	88.7%
EFA205288	MPN100667	39%	92.2%	87.0%
EFA205288	NGO102546	64%	100%	99.0%
EFA205288	NME200127	64%	100%	99.0%
EFA205288	PMU101416	63%	100%	99.0%
EFA205288	PRT100142	63%	100%	99.0%
EFA205288	PAE204262	63%	100%	99.0%
EFA205288	PPU104502	62%	91.2%	98.9%
EFA205288	PSY106273	63%	100%	82.3%
EFA205288	SPA104323	53%	100%	94.6%
EFA205288	STY101785	63%	100%	99.0%
EFA205288	SAU802251	86%	100%	100%
EFA205288	SEP200282	87%	100%	100%
EFA205288	SHA102423	84%	100%	100%
EFA205288	SMU100612	87%	100%	100%
EFA205288	SPN400187	87%	100%	100%
EFA205288	SPY200036	85%	100%	100%
EFA205288	TPA100186	50%	99.0%	99.0%
EFA205288	UUR100232	50%	97.1%	98.0%
EFA205288	VCH102560	61%	100%	99.0%
EFA205288	YPS005092	63%	100%	99.0%
KPN103883	KPN103883	100%	100%	100%
KPN103883	LPN101995	40%	84.9%	36.6%
KPN103883	NGO102594	30%	91.6%	60.8%
KPN103883	PAE107208	51%	84.9%	98.1%
KPN103883	SPA101733	88%	100%	47.6%
KPN108099	ABA105528	71%	71.6%	100%
KPN108099	ABA106151	74%	75.5%	100%
KPN108099	ABA105551	82%	100%	91.1%
KPN108099	ABA101831	82%	100%	83.6%
KPN108099	BAN100346	68%	71.6%	76.0%
KPN108099	BAN105253	73%	100%	83.6%
KPN108099	BAN105419	73%	100%	83.6%
KPN108099	BAN101836	73%	100%	85%
KPN108099	BAN103430	73%	100%	83.6%
KPN108099	BAN100749	73%	100%	83.6%
KPN108099	BAN106478	73%	100%	83.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN108099	BAN104535	73%	100%	83.6%
KPN108099	BAN100304	73%	100%	83.6%
KPN108099	BAN103157	73%	100%	83.6%
KPN108099	BAN106892	73%	100%	83.6%
KPN108099	BAN112264	73%	100%	83.6%
KPN108099	BAN103959	73%	100%	83.6%
KPN108099	BFR105579	69%	100%	83.6%
KPN108099	BFR103235	69%	100%	83.6%
KPN108099	BPT103416	95%	21.6%	14.3%
KPN108099	BPT104523	95%	21.6%	14.3%
KPN108099	BPT103989	95%	21.6%	14.3%
KPN108099	BCE109830	77%	48.0%	71.0%
KPN108099	BCE110368	76%	61.8%	100%
KPN108099	BCE114555	80%	100%	88.7%
KPN108099	BCE115125	82%	100%	83.6%
KPN108099	BMA101414	80%	100%	83.6%
KPN108099	CTR200114	72%	100%	83.6%
KPN108099	CBO100841	69%	70.6%	100%
KPN108099	CBO103821	70%	100%	98.1%
KPN108099	CBO102961	70%	100%	91.1%
KPN108099	CBO100139	70%	100%	83.6%
KPN108099	CBO102075	70%	100%	83.6%
KPN108099	CBO101355	70%	100%	83.6%
KPN108099	CBO102777	70%	100%	83.6%
KPN108099	CDF100014	71%	94.1%	100%
KPN108099	CDF102596	68%	100%	83.6%
KPN108099	CDF100358	71%	100%	83.6%
KPN108099	CDF102023	71%	100%	83.6%
KPN108099	CDF101174	72%	100%	83.6%
KPN108099	CDF100271	71%	100%	83.6%
KPN108099	CDF102190	71%	100%	83.6%
KPN108099	CDF100009	71%	100%	83.6%
KPN108099	CDF101049	71%	100%	83.6%
KPN108099	CDF100125	72%	100%	83.6%
KPN108099	CDP100750	64%	100%	83.6%
KPN108099	CDP100008	64%	100%	83.6%
KPN108099	CDP101025	64%	100%	83.6%
KPN108099	CDP101470	64%	100%	83.6%
KPN108099	CDP101508	64%	100%	83.6%
KPN108099	EBC104695	98%	49.0%	100%
KPN108099	EBC104708	98%	100%	83.6%
KPN108099	EFA203112	67%	100%	83.6%
KPN108099	EFA201542	67%	100%	83.6%
KPN108099	EFA203085	67%	100%	83.6%
KPN108099	EFA202786	67%	100%	83.6%
KPN108099	EFM102382	67%	100%	83.6%
KPN108099	KPN300969	93%	94.1%	100%
KPN108099	KPN301056	100%	77.5%	100%
KPN108099	KPN300847	96%	94.1%	100%
KPN108099	KPN302967	99%	100%	83.6%
KPN108099	LPN102481	88%	100%	83.6%
KPN108099	MCA102101	83%	100%	83.6%
KPN108099	MBV100203	62%	100%	83.6%
KPN108099	NGO100484	80%	100%	83.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN108099	NGO101737	82%	100%	47.2%
KPN108099	NGO100413	82%	100%	47.2%
KPN108099	NGO101926	82%	100%	47.2%
KPN108099	NME103001	84%	100%	83.6%
KPN108099	PRT103668	91%	85.3%	100%
KPN108099	PRT103667	92%	100%	87.9%
KPN108099	PRT103665	92%	100%	83.6%
KPN108099	PAE107214	86%	100%	83.6%
KPN108099	PPU102385	87%	100%	83.6%
KPN108099	PPU100406	87%	100%	83.6%
KPN108099	PPU101099	87%	100%	83.6%
KPN108099	PPU106991	87%	100%	83.6%
KPN108099	PPU112044	87%	100%	83.6%
KPN108099	PPU109454	87%	100%	83.6%
KPN108099	PPU109508	87%	100%	83.6%
KPN108099	PSY106628	84%	80.4%	100%
KPN108099	PSY106991	86%	100%	83.6%
KPN108099	PSY107666	86%	100%	83.6%
KPN108099	PSY101542	86%	100%	83.6%
KPN108099	SPA101643	98%	86.3%	100%
KPN108099	SPA103885	97%	100%	83.6%
KPN108099	SPA103853	98%	100%	83.6%
KPN108099	SAU302874	72%	100%	83.6%
KPN108099	SAU302816	72%	100%	83.6%
KPN108099	SAU302683	69%	71.6%	62.4%
KPN108099	SAU302807	72%	100%	83.6%
KPN108099	SAU301432	72%	100%	83.6%
KPN108099	SAU302626	72%	100%	83.6%
KPN108099	SEP201860	72%	100%	83.6%
KPN108099	SEP200476	72%	100%	83.6%
KPN108099	SEP201305	72%	100%	83.6%
KPN108099	SEP201812	72%	100%	83.6%
KPN108099	SEP201970	72%	100%	83.6%
KPN108099	SEP201855	72%	100%	83.6%
KPN108099	SHA102684	65%	53.9%	100%
KPN108099	SHA102720	72%	100%	83.6%
KPN108099	SMU101912	69%	100%	83.6%
KPN108099	SMU100576	69%	100%	83.6%
KPN108099	SMU101953	69%	100%	83.6%
KPN108099	SMU101883	69%	100%	83.6%
KPN108099	SMU101949	69%	100%	83.6%
KPN108099	SPN103672	68%	64.7%	100%
KPN108099	SPN102832	70%	100%	83.6%
KPN108099	SPY102630	71%	100%	83.6%
KPN200073	ABA102170	58%	43.3%	100%
KPN200073	ABA105805	52%	94.5%	93.9%
KPN200073	BAN100016	42%	97.4%	98.5%
KPN200073	BAN107827	44%	98.5%	98.3%
KPN200073	BAN106148	51%	99.6%	97.3%
KPN200073	BAN111654	51%	98.5%	97.0%
KPN200073	CDF100725	23%	87.2%	89.8%
KPN200073	CDF104332	24%	86.6%	87.5%
KPN200073	EBC102707	92%	99.1%	97.9%
KPN200073	ECO100252	92%	99.1%	97.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN200073	HPY101000	41%	97.7%	89.4%
KPN200073	KPN300127	100%	20.3%	100%
KPN200073	KPN304917	100%	100%	100%
KPN200073	LPN101924	34%	91.7%	88.7%
KPN200073	PAE204976	48%	97.9%	96.8%
KPN200073	PPU109706	57%	97.0%	95.2%
KPN200073	SMU100962	54%	96.6%	98.7%
KPN200459	ABA100405	36%	97.7%	97.0%
KPN200459	BCE101176	44%	97.7%	89.5%
KPN200459	BCE115062	45%	98.7%	95.9%
KPN200459	BFU107135	46%	97.3%	94.5%
KPN200459	BMA104937	45%	98.7%	95.2%
KPN200459	CDF103274	24%	65.4%	39.1%
KPN200459	EBC100664	71%	90.6%	99.6%
KPN200459	EFA202080	22%	71.5%	59.3%
KPN200459	ECO101614	64%	99.3%	94.3%
KPN200459	KPN301023	99%	100%	100%
KPN200459	PAE202428	43%	97.0%	91.0%
KPN200459	PPU109972	42%	96.3%	94.8%
KPN200459	PSY101352	56%	13.1%	88.6%
KPN200459	PSY101350	47%	98.7%	97.6%
KPN200459	SPA102318	68%	99.3%	85.5%
KPN200459	STY100593	68%	99.3%	97.6%
KPN200460	EBC100663	76%	92.3%	92.3%
KPN200460	ECO101613	76%	100%	100%
KPN200460	KPN301024	98%	100%	100%
KPN200460	PAE201229	36%	64.1%	76.9%
KPN200460	SPA102319	73%	100%	97.5%
KPN200460	STY100591	73%	100%	100%
KPN201086	ABA103925	53%	99.2%	99.8%
KPN201086	BAN104708	35%	67.6%	94.9%
KPN201086	BAN102313	37%	69.2%	92.9%
KPN201086	BFR10840	30%	67.8%	89.5%
KPN201086	BPT100246	51%	99.8%	100%
KPN201086	BBU100799	27%	78.5%	79.5%
KPN201086	BCE107342	50%	99.2%	99.8%
KPN201086	BFU100866	50%	99.2%	99.8%
KPN201086	BMA107734	51%	99.2%	99.8%
KPN201086	CJU100425	28%	69.2%	94.2%
KPN201086	CPN200435	30%	95.1%	99.8%
KPN201086	CTR200366	30%	92.5%	98.6%
KPN201086	CAC100279	36%	71.3%	99.7%
KPN201086	CBO102108	36%	72.1%	77.7%
KPN201086	CDF102471	36%	77.3%	98.4%
KPN201086	CDP100481	30%	68.2%	98.5%
KPN201086	EBC101239	94%	99.2%	100%
KPN201086	EFA200624	35%	78.9%	100%
KPN201086	EFM201833	37%	75.1%	96.7%
KPN201086	ECO103101	95%	100%	100%
KPN201086	HIN101251	72%	99.8%	100%
KPN201086	HPY101493	26%	70.6%	95.2%
KPN201086	KPN300994	99%	100%	100%
KPN201086	LPN100039	60%	99.2%	99.8%
KPN201086	LMO100131	39%	68.2%	90.6%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN201086	MCA100801	47%	99.2%	99.8%
KPN201086	MAV103287	29%	38.3%	94.6%
KPN201086	MBV103220	35%	67.2%	91.9%
KPN201086	MLP100955	33%	70.6%	96.8%
KPN201086	MTU202803	35%	67.2%	91.9%
KPN201086	MGE100143	28%	71.3%	67.6%
KPN201086	MPN100677	27%	70.0%	65.4%
KPN201086	NGO101492	47%	99.0%	99.8%
KPN201086	NME201747	47%	99.8%	98.8%
KPN201086	PMU100760	74%	99.6%	100%
KPN201086	PRT102427	85%	100%	100%
KPN201086	PAE204741	64%	99.2%	99.8%
KPN201086	PPU108490	63%	89.9%	99.8%
KPN201086	PSY104834	63%	99.2%	99.8%
KPN201086	SPA101734	88%	100%	100%
KPN201086	STY101474	93%	100%	100%
KPN201086	SAU801266	38%	69.0%	87.2%
KPN201086	SEP201559	37%	77.5%	94.8%
KPN201086	SHA101153	40%	69.0%	90.2%
KPN201086	SMU100777	34%	69.6%	90.4%
KPN201086	SPN400478	32%	70.6%	96.3%
KPN201086	SPY201324	33%	70.6%	95.3%
KPN201086	TPA100882	29%	84.2%	88.5%
KPN201086	UUR100320	28%	66.2%	77.1%
KPN201086	VCH100630	78%	100%	100%
KPN201086	YPS001052	89%	100%	100%
KPN201087	ABA104593	50%	99.9%	100%
KPN201087	BAN113310	36%	74.9%	97.4%
KPN201087	BAN110029	48%	76.3%	99.4%
KPN201087	BFR11714	42%	91.1%	85.4%
KPN201087	BPT100248	49%	91.9%	99.3%
KPN201087	BBU100800	43%	73.8%	73.4%
KPN201087	BCE101969	54%	86.3%	100%
KPN201087	BFU100867	49%	99.9%	100%
KPN201087	BMA109716	50%	99.3%	100%
KPN201087	CJU100125	41%	91.1%	93.1%
KPN201087	CPN200434	35%	90.6%	93.8%
KPN201087	CTR200365	32%	97.4%	96.7%
KPN201087	CAC100425	53%	64.5%	84.4%
KPN201087	CBO103185	48%	74.0%	94.1%
KPN201087	CDF102888	53%	64.7%	90.6%
KPN201087	CDP100479	50%	63.8%	96.5%
KPN201087	EBC101431	94%	96.0%	99.9%
KPN201087	EFA200621	44%	80.2%	92.5%
KPN201087	EFM201052	45%	81.1%	98.2%
KPN201087	ECO103100	93%	99.9%	99.9%
KPN201087	HIN101252	69%	93.8%	99.0%
KPN201087	HPY101031	37%	95.8%	88.6%
KPN201087	KPN301426	99%	15.0%	29.0%
KPN201087	LPN102343	71%	48.7%	100%
KPN201087	LMO100282	45%	86.5%	99.4%
KPN201087	MCA100802	50%	92.9%	98.3%
KPN201087	MAV100286	48%	64.3%	97.5%
KPN201087	MBV104310	49%	48.5%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN201087	MLP100953	44%	71.7%	71.9%
KPN201087	MTU202801	44%	71.7%	73%
KPN201087	MGE100144	42%	63.2%	91.4%
KPN201087	MPN100676	41%	66.5%	96.6%
KPN201087	NGO101494	51%	89.2%	99.9%
KPN201087	NME201748	47%	99.9%	100%
KPN201087	PMU100759	70%	17.2%	26.7%
KPN201087	PRT102425	77%	100%	100%
KPN201087	PAE204740	57%	99.9%	100%
KPN201087	PPU108488	56%	99.9%	100%
KPN201087	PSY104832	68%	61.8%	100%
KPN201087	SPA101256	92%	51.7%	100%
KPN201087	STY101473	94%	99.9%	99.9%
KPN201087	SAU801269	48%	78.2%	99.9%
KPN201087	SEP201562	47%	81.1%	99.7%
KPN201087	SHA100514	46%	78.8%	99.4%
KPN201087	SMU100784	38%	94.1%	96.6%
KPN201087	SPN400481	40%	93.5%	93.3%
KPN201087	SPY201321	39%	95.5%	85.6%
KPN201087	TPA100881	47%	71.8%	80.8%
KPN201087	UUR100322	44%	64.1%	93.3%
KPN201087	VCH100631	71%	100%	100%
KPN201087	YPS001051	82%	99.9%	99.9%
KPN201549	ABA105528	71%	59.8%	100%
KPN201549	ABA106151	74%	63.1%	100%
KPN201549	ABA105551	84%	91.8%	100%
KPN201549	ABA101831	85%	100%	100%
KPN201549	BAN100346	69%	76.2%	96.9%
KPN201549	BAN101836	75%	98.4%	100%
KPN201549	BAN105253	76%	100%	100%
KPN201549	BAN103157	76%	100%	100%
KPN201549	BAN103430	76%	100%	100%
KPN201549	BAN100749	76%	100%	100%
KPN201549	BAN106478	76%	100%	100%
KPN201549	BAN104535	76%	100%	100%
KPN201549	BAN100304	76%	100%	100%
KPN201549	BAN103959	76%	100%	100%
KPN201549	BAN106892	76%	100%	100%
KPN201549	BAN112264	76%	100%	100%
KPN201549	BAN105419	76%	100%	100%
KPN201549	BFR105579	72%	100%	100%
KPN201549	BFR103235	72%	100%	100%
KPN201549	BPT103416	100%	34.4%	27.3%
KPN201549	BPT104523	100%	34.4%	27.3%
KPN201549	BPT103989	100%	34.4%	27.3%
KPN201549	BCE110368	76%	51.6%	100%
KPN201549	BCE109830	82%	55.7%	98.6%
KPN201549	BCE114555	80%	94.3%	100%
KPN201549	BCE115125	85%	100%	100%
KPN201549	BMA101414	83%	100%	100%
KPN201549	CTR200114	72%	100%	100%
KPN201549	CBO100841	69%	59.0%	100%
KPN201549	CBO103821	72%	85.2%	100%
KPN201549	CBO102961	72%	91.8%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN201549	CBO102777	72%	100%	100%
KPN201549	CBO100139	72%	100%	100%
KPN201549	CBO102075	72%	100%	100%
KPN201549	CBO101355	72%	100%	100%
KPN201549	CDF100014	71%	78.7%	100%
KPN201549	CDF102596	70%	100%	100%
KPN201549	CDF100358	74%	100%	100%
KPN201549	CDF102023	74%	100%	100%
KPN201549	CDF101174	75%	100%	100%
KPN201549	CDF100271	74%	100%	100%
KPN201549	CDF102190	74%	100%	100%
KPN201549	CDF100009	74%	100%	100%
KPN201549	CDF101049	74%	100%	100%
KPN201549	CDF100125	75%	100%	100%
KPN201549	CDP100750	66%	100%	100%
KPN201549	CDP100008	66%	100%	100%
KPN201549	CDP101025	66%	100%	100%
KPN201549	CDP101470	66%	100%	100%
KPN201549	CDP101508	66%	100%	100%
KPN201549	EBC104695	98%	41.0%	100%
KPN201549	EBC104708	99%	100%	100%
KPN201549	EFA203112	71%	100%	100%
KPN201549	EFA201542	71%	100%	100%
KPN201549	EFA203085	71%	100%	100%
KPN201549	EFA202786	71%	100%	100%
KPN201549	EFM102382	71%	100%	100%
KPN201549	KPN300847	96%	78.7%	100%
KPN201549	KPN300969	93%	78.7%	100%
KPN201549	KPN301056	100%	64.8%	100%
KPN201549	KPN302967	100%	100%	100%
KPN201549	LPN102481	90%	100%	100%
KPN201549	MCA102101	86%	100%	100%
KPN201549	MBV100203	66%	100%	100%
KPN201549	NGO100484	82%	100%	100%
KPN201549	NGO101737	85%	100%	56.5%
KPN201549	NGO100413	85%	100%	56.5%
KPN201549	NGO101926	85%	100%	56.5%
KPN201549	NME103001	86%	100%	100%
KPN201549	PRT103668	91%	71.3%	100%
KPN201549	PRT103667	92%	95.1%	100%
KPN201549	PRT103665	94%	100%	100%
KPN201549	PAE107214	88%	100%	100%
KPN201549	PPU102385	89%	100%	100%
KPN201549	PPU100406	89%	100%	100%
KPN201549	PPU101099	89%	100%	100%
KPN201549	PPU106991	89%	100%	100%
KPN201549	PPU112044	89%	100%	100%
KPN201549	PPU109454	89%	100%	100%
KPN201549	PPU109508	89%	100%	100%
KPN201549	PSY106628	84%	67.2%	100%
KPN201549	PSY106991	88%	100%	100%
KPN201549	PSY107666	88%	100%	100%
KPN201549	PSY101542	88%	100%	100%
KPN201549	SPA101643	98%	72.1%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN201549	SPA103885	98%	100%	100%
KPN201549	SPA103853	99%	100%	100%
KPN201549	SAU302874	75%	100%	100%
KPN201549	SAU302816	75%	100%	100%
KPN201549	SAU302683	69%	59.8%	62.4%
KPN201549	SAU302807	75%	100%	100%
KPN201549	SAU301432	75%	100%	100%
KPN201549	SAU302626	75%	100%	100%
KPN201549	SEP201860	75%	100%	100%
KPN201549	SEP200476	75%	100%	100%
KPN201549	SEP201305	75%	100%	100%
KPN201549	SEP201812	75%	100%	100%
KPN201549	SEP201970	75%	100%	100%
KPN201549	SEP201855	75%	100%	100%
KPN201549	SHA102684	65%	45.1%	100%
KPN201549	SHA102720	75%	100%	100%
KPN201549	SMU101912	72%	100%	100%
KPN201549	SMU100576	72%	100%	100%
KPN201549	SMU101953	72%	100%	100%
KPN201549	SMU101883	72%	100%	100%
KPN201549	SMU101949	72%	100%	100%
KPN201549	SPN103672	68%	54.1%	100%
KPN201549	SPN102832	73%	100%	100%
KPN201549	SPY102630	74%	100%	100%
KPN201990	ABA101037	47%	98.5%	95.0%
KPN201990	BAN110655	30%	86.1%	87.1%
KPN201990	BAN109519	31%	86.1%	86.0%
KPN201990	BPT102754	25%	71.4%	76.8%
KPN201990	BCE107805	24%	78.5%	86.7%
KPN201990	BFU111761	25%	78.8%	87.0%
KPN201990	BMA100169	24%	78.5%	86.7%
KPN201990	CPN200483	24%	53.1%	54.5%
KPN201990	CTR200408	28%	51.9%	54.9%
KPN201990	CBO101374	32%	77.6%	76.1%
KPN201990	CDF104179	28%	88.8%	83.3%
KPN201990	CDF100985	30%	89.1%	90.4%
KPN201990	KPN303124	99%	100%	89.7%
KPN201990	LMO100346	32%	76.7%	81.8%
KPN201990	PAE205391	24%	78.5%	86.2%
KPN201990	PPU107507	24%	78.5%	86.2%
KPN201990	PSY103787	26%	76.1%	81.8%
KPN203025	BAN101606	24%	26.5%	27.8%
KPN203025	BAN106218	28%	38.9%	39.2%
KPN203025	BCE109617	29%	90.2%	92.1%
KPN203025	BFU109459	29%	94.6%	95.9%
KPN203025	BMA106949	29%	96.7%	98.6%
KPN203025	EBC101952	77%	90.4%	96.0%
KPN203025	KPN304247	99%	90.9%	95.8%
KPN203025	MAV105607	39%	96.5%	94.8%
KPN203025	MBV101047	35%	89.5%	92.1%
KPN203025	MTU202420	35%	89.5%	92.1%
KPN203025	PSY105004	37%	84.1%	92.6%
KPN203025	SPA102134	22%	81.3%	72.4%
KPN203025	STY100889	22%	81.3%	77.0%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN203084	ABA105739	60%	93.6%	98.8%
KPN203084	BAN112576	33%	91.9%	98.1%
KPN203084	BAN101552	40%	92.5%	94.1%
KPN203084	BFR103117	28%	87.9%	82.3%
KPN203084	BPT102556	57%	94.2%	99.4%
KPN203084	BCE113712	58%	96.5%	94.9%
KPN203084	BFU106342	58%	94.2%	99.4%
KPN203084	BMA102494	58%	94.2%	99.4%
KPN203084	CJU100536	38%	88.4%	96.8%
KPN203084	CAC102771	43%	89.6%	93.9%
KPN203084	CDP100199	37%	93.1%	92.0%
KPN203084	EBC101943	90%	94.2%	100%
KPN203084	ECO100078	95%	94.2%	100%
KPN203084	HIN101551	67%	92.5%	98.2%
KPN203084	KPN301558	100%	100%	100%
KPN203084	LMO101469	42%	93.6%	99.4%
KPN203084	MCA100917	56%	94.2%	91.7%
KPN203084	MAV101430	44%	90.2%	92.3%
KPN203084	MBV101315	44%	90.2%	92.3%
KPN203084	MLP101037	43%	90.2%	91.7%
KPN203084	MTU202964	44%	90.2%	92.3%
KPN203084	NGO101348	58%	94.2%	99.4%
KPN203084	NME201624	58%	94.2%	99.4%
KPN203084	PMU100869	66%	92.5%	98.2%
KPN203084	PAE204691	66%	93.6%	98.8%
KPN203084	PPU100092	64%	93.6%	98.8%
KPN203084	PSY104460	64%	93.6%	98.8%
KPN203084	SPA102565	95%	50.3%	100%
KPN203084	STY103145	95%	94.8%	100%
KPN203084	STM102857	96%	94.2%	100%
KPN203084	SAU802055	31%	42.2%	88.1%
KPN203084	SHA102434	32%	45.1%	98.8%
KPN203084	SMU101466	39%	90.8%	98.1%
KPN203084	SPN400402	40%	90.8%	94.6%
KPN203084	VCH102446	65%	94.2%	99.4%
KPN203084	YPS000965	86%	93.6%	98.8%
KPN203146	BAN110986	48%	34.1%	94.5%
KPN203146	BAN113122	41%	50.4%	99.4%
KPN203146	BAN106514	38%	0.8%	37.4%
KPN203146	BFR100918	29%	91.6%	76.9%
KPN203146	CDF101629	45%	95.4%	97.4%
KPN203146	CDP101416	67%	99.3%	98.7%
KPN203146	EBC101483	80%	79.1%	97.4%
KPN203146	EFA201342	48%	97.8%	98.7%
KPN203146	EFM202157	49%	97.8%	98.7%
KPN203146	ECO102620	81%	100%	100%
KPN203146	KPN300330	100%	16.7%	95.2%
KPN203146	KPN304450	98%	100%	100%
KPN203146	LMO100307	30%	90.9%	84.0%
KPN203146	MAV103568	69%	99.7%	99.6%
KPN203146	MBV105903	71%	98.2%	96.6%
KPN203146	MLP101067	69%	97.2%	100%
KPN203146	MTU203011	70%	97.2%	100%
KPN203146	MGE100236	52%	97.2%	95.4%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN203146	MPN100512	54%	95.5%	94.2%
KPN203146	PRT102697	70%	98.3%	99.0%
KPN203146	SPA100936	71%	61.5%	100%
KPN203146	STY102722	79%	100%	100%
KPN203146	STM103199	80%	100%	100%
KPN203146	SAU800731	40%	97.6%	95.8%
KPN203146	SEP201122	32%	12.5%	98.9%
KPN203146	SEP200797	41%	97.6%	98.1%
KPN203146	SHA100609	41%	88.9%	95.7%
KPN203146	SMU100850	48%	97.8%	98.7%
KPN203146	SPN401065	48%	98.3%	98.9%
KPN203146	SPY200304	54%	95.5%	94.1%
KPN203146	YPS001322	70%	97.2%	100%
KPN203246	ABA101867	65%	98.7%	76.4%
KPN203246	BAN100493	78%	4.2%	12.1%
KPN203246	BAN105594	29%	27.7%	100%
KPN203246	BAN103472	45%	61.2%	99.3%
KPN203246	BAN107108	55%	98.7%	76.7%
KPN203246	BFR10905	35%	97.2%	74.6%
KPN203246	BFR101559	53%	98.7%	76.1%
KPN203246	BPT101928	64%	98.7%	76.8%
KPN203246	BCE104127	60%	6.7%	83.3%
KPN203246	BCE108256	67%	98.7%	76.8%
KPN203246	BFU101142	68%	97.3%	98.9%
KPN203246	BMA104295	66%	98.7%	76.8%
KPN203246	CJU100472	48%	98.2%	76.5%
KPN203246	CPN200617	50%	98.4%	75.5%
KPN203246	CAC100315	52%	98.7%	76.8%
KPN203246	CBO100316	52%	98.7%	76.8%
KPN203246	CDF100817	53%	98.7%	77.0%
KPN203246	CDP101419	57%	97.8%	76.9%
KPN203246	EBC100668	95%	54.4%	64.8%
KPN203246	EFA200871	55%	98.7%	76.2%
KPN203246	EFM202090	55%	98.7%	76.1%
KPN203246	ECO102539	95%	98.7%	76.8%
KPN203246	HIN100839	78%	98.7%	76.9%
KPN203246	HPY100260	48%	98.2%	76.4%
KPN203246	KPN301209	99%	98.7%	76.8%
KPN203246	LPN102913	75%	98.7%	78.0%
KPN203246	LMO101394	54%	98.7%	76.7%
KPN203246	MCA100931	62%	98.7%	74.0%
KPN203246	MAV101212	56%	97.8%	75.4%
KPN203246	MBV100178	56%	97.6%	80.7%
KPN203246	MLP101480	55%	97.8%	77.1%
KPN203246	MTU200383	56%	97.6%	77.0%
KPN203246	NGO100439	65%	98.7%	77.1%
KPN203246	NME201542	65%	98.7%	77.1%
KPN203246	PMU101704	78%	98.7%	76.8%
KPN203246	PRT105204	85%	98.7%	76.7%
KPN203246	PAE204540	71%	98.7%	77.0%
KPN203246	PPU108177	70%	98.7%	77.0%
KPN203246	PSY100953	70%	93.6%	76.1%
KPN203246	SPA106334	94%	51.1%	100%
KPN203246	STY102189	96%	98.7%	76.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN203246	SAU800975	52%	98.7%	76.2%
KPN203246	SEP200200	53%	98.7%	76.2%
KPN203246	SHA100227	57%	85.3%	70.2%
KPN203246	SPY100446	46%	71.1%	76.1%
KPN203246	TPA100070	54%	98.7%	75.4%
KPN203246	VCH100698	77%	98.7%	76.8%
KPN203246	YPS002837	88%	98.7%	76.8%
KPN203310	BFU111646	37%	83.2%	84.6%
KPN203310	BFU103630	38%	92%	91.3%
KPN203310	EBC102431	75%	96.8%	93.8%
KPN203310	KPN304901	100%	100%	100%
KPN203310	PRT103773	42%	86.8%	88.6%
KPN203310	PAE202201	43%	89.6%	93.7%
KPN203310	PSY105400	34%	92%	96.5%
KPN203310	YPS003510	42%	88%	89.0%
KPN203487	ABA106040	46%	95.8%	96.9%
KPN203487	BCE101393	47%	95.8%	91.6%
KPN203487	CBO103956	26%	87.9%	88.6%
KPN203487	CDF102345	24%	58.4%	66.5%
KPN203487	KPN304430	98%	94.2%	97.8%
KPN203487	PSY102504	43%	96.8%	96.9%
KPN203534	EBC104008	94%	33.8%	94.7%
KPN203534	ECO102108	93%	100%	100%
KPN203534	HIN100803	74%	100%	100%
KPN203534	KPN302668	99%	98.0%	100%
KPN203534	PMU101039	75%	100%	100%
KPN203534	SPA103481	93%	98.0%	100%
KPN203534	TPA100677	51%	97.6%	99.4%
KPN203534	VCH101307	77%	98.0%	96.5%
KPN203534	YPS002281	88%	100%	100%
KPN203895	ABA100375	67%	100%	99.7%
KPN203895	BAN102615	49%	92%	89.8%
KPN203895	BAN113204	55%	95.7%	94.5%
KPN203895	BFR11926	47%	95.2%	96.8%
KPN203895	BPT100982	66%	98.4%	98.9%
KPN203895	BBU100808	38%	94.1%	94.7%
KPN203895	BCE109231	64%	98.4%	94.7%
KPN203895	BFU102660	63%	97.9%	93.9%
KPN203895	BMA101185	67%	98.4%	94.2%
KPN203895	CJU100938	41%	97.9%	100%
KPN203895	CPN200536	34%	93.1%	98.1%
KPN203895	CTR200458	33%	94.4%	99.5%
KPN203895	CAC102531	48%	92.8%	94.7%
KPN203895	CBO102700	48%	92.8%	94.7%
KPN203895	CDF100795	57%	97.6%	96.8%
KPN203895	CDP101532	38%	97.1%	93.5%
KPN203895	EBC102650	98%	100%	100%
KPN203895	EFA200390	53%	94.7%	92.9%
KPN203895	EFM201771	52%	94.7%	92.9%
KPN203895	ECO100398	97%	100%	100%
KPN203895	HIN100233	81%	99.7%	99.0%
KPN203895	HPY100277	45%	97.1%	98.4%
KPN203895	KPN303442	100%	100%	100%
KPN203895	LPN100896	41%	82.4%	99.1%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN203895	LMO100999	55%	98.7%	97.9%
KPN203895	MCA103114	62%	99.5%	99.7%
KPN203895	NGO101847	60%	98.4%	99.5%
KPN203895	NME200853	60%	97.9%	98.9%
KPN203895	PMU100229	82%	99.2%	97.7%
KPN203895	PRT100799	89%	99.5%	98.2%
KPN203895	PAE203820	71%	99.5%	99.7%
KPN203895	PPU101526	69%	99.5%	100%
KPN203895	PSY103820	70%	99.2%	99.7%
KPN203895	SPA103217	97%	100%	100%
KPN203895	STY100394	98%	100%	100%
KPN203895	STM100065	98%	100%	100%
KPN203895	SAU801639	57%	95.5%	94.2%
KPN203895	SEP201595	55%	95.5%	94.2%
KPN203895	SHA101470	57%	63.5%	93.7%
KPN203895	SMU100613	50%	94.7%	93.2%
KPN203895	SPN401866	50%	94.7%	93.2%
KPN203895	SPY200153	52%	94.7%	93.2%
KPN203895	VCH100728	82%	100%	98.9%
KPN203895	YPS002550	90%	99.7%	100%
KPN203896	ABA100377	56%	96.9%	98.6%
KPN203896	BAN110462	48%	96.9%	100%
KPN203896	BAN105206	49%	96.9%	97.4%
KPN203896	BFR101067	39%	96.9%	99.1%
KPN203896	BPT100983	55%	96.9%	97.4%
KPN203896	BBU100021	28%	61.3%	98.6%
KPN203896	BCE109754	59%	26.8%	90.7%
KPN203896	BFU102661	52%	97.2%	98.6%
KPN203896	BMA105286	51%	98.6%	97.5%
KPN203896	CJU100538	38%	96.3%	98.0%
KPN203896	CAC102220	47%	96.9%	99.7%
KPN203896	CBO103873	50%	96.9%	98.8%
KPN203896	CDF100218	50%	96.9%	99.7%
KPN203896	EBC102649	90%	99.7%	99.2%
KPN203896	EFA200438	49%	95.8%	97.4%
KPN203896	EFM101932	42%	42.1%	91.5%
KPN203896	ECO100397	93%	99.7%	99.2%
KPN203896	HIN100234	69%	97.7%	98.1%
KPN203896	HPY101045	36%	95.5%	97.4%
KPN203896	KPN303445	95%	35.0%	100%
KPN203896	KPN304932	100%	100%	100%
KPN203896	LPN100464	54%	96.9%	99.7%
KPN203896	LMO101436	49%	96.9%	99.7%
KPN203896	MCA100738	48%	96.3%	96.4%
KPN203896	MLP101376	35%	21.2%	22.7%
KPN203896	NGO101626	56%	97.7%	98.6%
KPN203896	NME200555	57%	97.7%	98.6%
KPN203896	PMU100232	67%	98.0%	98.3%
KPN203896	PRT102078	84%	99.7%	98.9%
KPN203896	PAE203821	70%	98.0%	98.0%
KPN203896	PPU101525	70%	98.0%	97.4%
KPN203896	PSY103819	70%	98.0%	96.0%
KPN203896	SPA103215	89%	64.7%	99.1%
KPN203896	STY100393	92%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN203896	STM100064	92%	100%	100%
KPN203896	SAU801640	45%	96.9%	99.7%
KPN203896	SEP201597	47%	96.9%	99.7%
KPN203896	SHA100644	46%	96.9%	99.7%
KPN203896	SMU100783	47%	96.9%	99.7%
KPN203896	SPN401272	46%	96.9%	98.6%
KPN203896	SPY201071	47%	96.9%	99.7%
KPN203896	VCH100726	71%	96.9%	98.0%
KPN203896	YPS002552	82%	99.7%	99.2%
KPN203973	ABA105528	71%	59.8%	100%
KPN203973	ABA106151	74%	63.1%	100%
KPN203973	ABA105551	84%	91.8%	100%
KPN203973	ABA101831	85%	100%	100%
KPN203973	BAN100346	69%	76.2%	96.9%
KPN203973	BAN101836	75%	98.4%	100%
KPN203973	BAN105253	76%	100%	100%
KPN203973	BAN103157	76%	100%	100%
KPN203973	BAN103430	76%	100%	100%
KPN203973	BAN100749	76%	100%	100%
KPN203973	BAN106478	76%	100%	100%
KPN203973	BAN104535	76%	100%	100%
KPN203973	BAN100304	76%	100%	100%
KPN203973	BAN103959	76%	100%	100%
KPN203973	BAN106892	76%	100%	100%
KPN203973	BAN112264	76%	100%	100%
KPN203973	BAN105419	76%	100%	100%
KPN203973	BFR105579	72%	100%	100%
KPN203973	BFR103235	72%	100%	100%
KPN203973	BPT103416	100%	34.4%	27.3%
KPN203973	BPT104523	100%	34.4%	27.3%
KPN203973	BPT103989	100%	34.4%	27.3%
KPN203973	BCE110368	76%	51.6%	100%
KPN203973	BCE109830	82%	55.7%	98.6%
KPN203973	BCE114555	80%	94.3%	100%
KPN203973	BCE115125	85%	100%	100%
KPN203973	BMA101414	83%	100%	100%
KPN203973	CTR200114	72%	100%	100%
KPN203973	CBO100841	69%	59.0%	100%
KPN203973	CBO103821	72%	85.2%	100%
KPN203973	CBO102961	72%	91.8%	100%
KPN203973	CBO102777	72%	100%	100%
KPN203973	CBO100139	72%	100%	100%
KPN203973	CBO102075	72%	100%	100%
KPN203973	CBO101355	72%	100%	100%
KPN203973	CDF100014	71%	78.7%	100%
KPN203973	CDF102596	70%	100%	100%
KPN203973	CDF100358	74%	100%	100%
KPN203973	CDF102023	74%	100%	100%
KPN203973	CDF101174	75%	100%	100%
KPN203973	CDF100271	74%	100%	100%
KPN203973	CDF102190	74%	100%	100%
KPN203973	CDF100009	74%	100%	100%
KPN203973	CDF101049	74%	100%	100%
KPN203973	CDF100125	75%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN203973	CDP100750	66%	100%	100%
KPN203973	CDP100008	66%	100%	100%
KPN203973	CDP101025	66%	100%	100%
KPN203973	CDP101470	66%	100%	100%
KPN203973	CDP101508	66%	100%	100%
KPN203973	EBC104695	96%	41.0%	100%
KPN203973	EBC104708	98%	100%	100%
KPN203973	EFA203112	71%	100%	100%
KPN203973	EFA201542	71%	100%	100%
KPN203973	EFA203085	71%	100%	100%
KPN203973	EFA202786	71%	100%	100%
KPN203973	EFM102382	71%	100%	100%
KPN203973	KPN300847	95%	78.7%	100%
KPN203973	KPN300969	92%	78.7%	100%
KPN203973	KPN301056	98%	64.8%	100%
KPN203973	KPN302967	99%	100%	100%
KPN203973	LPN102481	90%	100%	100%
KPN203973	MCA102101	86%	100%	100%
KPN203973	MBV100203	66%	100%	100%
KPN203973	NGO100484	82%	100%	100%
KPN203973	NGO101737	85%	100%	56.5%
KPN203973	NGO100413	85%	100%	56.5%
KPN203973	NGO101926	85%	100%	56.5%
KPN203973	NME103001	86%	100%	100%
KPN203973	PRT103668	90%	71.3%	100%
KPN203973	PRT103667	91%	95.1%	100%
KPN203973	PRT103665	93%	100%	100%
KPN203973	PAE107214	88%	100%	100%
KPN203973	PPU102385	89%	100%	100%
KPN203973	PPU100406	89%	100%	100%
KPN203973	PPU101099	89%	100%	100%
KPN203973	PPU106991	89%	100%	100%
KPN203973	PPU112044	89%	100%	100%
KPN203973	PPU109454	89%	100%	100%
KPN203973	PPU109508	89%	100%	100%
KPN203973	PSY106628	84%	67.2%	100%
KPN203973	PSY106991	88%	100%	100%
KPN203973	PSY107666	88%	100%	100%
KPN203973	PSY101542	88%	100%	100%
KPN203973	SPA101643	98%	72.1%	100%
KPN203973	SPA103885	98%	100%	100%
KPN203973	SPA103853	99%	100%	100%
KPN203973	SAU302874	75%	100%	100%
KPN203973	SAU302816	75%	100%	100%
KPN203973	SAU302683	69%	59.8%	62.4%
KPN203973	SAU302807	75%	100%	100%
KPN203973	SAU301432	75%	100%	100%
KPN203973	SAU302626	75%	100%	100%
KPN203973	SEP201860	75%	100%	100%
KPN203973	SEP200476	75%	100%	100%
KPN203973	SEP201305	75%	100%	100%
KPN203973	SEP201812	75%	100%	100%
KPN203973	SEP201970	75%	100%	100%
KPN203973	SEP201855	75%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN203973	SHA102684	65%	45.1%	100%
KPN203973	SHA102720	75%	100%	100%
KPN203973	SMU101912	72%	100%	100%
KPN203973	SMU100576	72%	100%	100%
KPN203973	SMU101953	72%	100%	100%
KPN203973	SMU101883	72%	100%	100%
KPN203973	SMU101949	72%	100%	100%
KPN203973	SPN103672	68%	54.1%	100%
KPN203973	SPN102832	73%	100%	100%
KPN203973	SPY102630	74%	100%	100%
KPN204464	ABA103108	75%	96.3%	95.7%
KPN204464	BCE112521	20%	75.5%	75.5%
KPN204464	BFU107834	43%	96.3%	46.9%
KPN204464	BMA107974	22%	75.5%	86.0%
KPN204464	KPN304132	99%	100%	100%
KPN204464	MCA100338	22%	28.8%	35.3%
KPN204464	MBV105390	59%	94.4%	95.8%
KPN204464	MTU203407	56%	74.6%	95.0%
KPN204464	PSY102309	44%	96.3%	44.1%
KPN204464	SEP100083	20%	51.4%	91.2%
KPN204464	SHA102232	22%	64.7%	91.8%
KPN204465	ABA102567	70%	96.6%	97.1%
KPN204465	BPT100743	71%	95.6%	91.6%
KPN204465	BCE100299	74%	96.1%	91.6%
KPN204465	BFU110334	73%	96.1%	90.8%
KPN204465	BMA101911	73%	96.1%	91.2%
KPN204465	EBC101191	88%	99.0%	100%
KPN204465	ECO205361	90%	100%	100%
KPN204465	ECO201402	90%	100%	100%
KPN204465	HIN100515	60%	98.5%	89.8%
KPN204465	HPY100066	63%	95.6%	98.5%
KPN204465	KPN304128	100%	100%	100%
KPN204465	MBV102011	56%	94.6%	86.6%
KPN204465	MTU201819	56%	94.6%	86.6%
KPN204465	PRT102194	77%	99.0%	99.0%
KPN204465	PAE204888	71%	96.1%	96.6%
KPN204465	PPU110666	87%	99.5%	98.6%
KPN204465	PSY106880	70%	99.0%	98.0%
KPN204465	SAU802293	63%	96.6%	97.1%
KPN204465	SEP200377	61%	96.6%	97.1%
KPN204465	UUR100434	59%	95.6%	95.6%
KPN204465	YPS001381	59%	90.7%	85.9%
KPN204596	BPT102408	28%	73.9%	88.5%
KPN204596	BBU100677	21%	91.5%	91.6%
KPN204596	BCE102728	51%	92.4%	89.6%
KPN204596	CBO102661	26%	71.6%	80.7%
KPN204596	EBC104522	88%	100%	100%
KPN204596	EFA202350	25%	88.9%	84.5%
KPN204596	ECO104120	87%	100%	100%
KPN204596	KPN303796	99%	100%	100%
KPN204596	MCA101148	26%	75.4%	90.6%
KPN204596	MTU202692	26%	66.3%	71.8%
KPN204596	SPY200940	23%	77.1%	79.4%
KPN204596	UUR100012	22%	90.6%	45.8%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN204596	YPS001711	73%	94.7%	95.6%
KPN206300	ABA100706	35%	99.0%	99.7%
KPN206300	BAN101961	30%	100%	100%
KPN206300	BAN108651	35%	100%	99.0%
KPN206300	BFR100189	33%	95.3%	61.7%
KPN206300	BCE111641	34%	83.5%	99.6%
KPN206300	CDP100349	34%	62.0%	94%
KPN206300	EBC103018	78%	99.7%	99.7%
KPN206300	ECO102262	83%	99.7%	99.7%
KPN206300	HIN101181	42%	99.7%	99.0%
KPN206300	KPN302831	100%	100%	100%
KPN206300	LPN102893	38%	98.7%	98.0%
KPN206300	LMO100025	35%	99.7%	99.7%
KPN206300	MAV101349	40%	99.7%	65.4%
KPN206300	MBV104453	39%	97.6%	95.4%
KPN206300	MLP100520	36%	97.6%	93.8%
KPN206300	MTU202182	39%	97.6%	95.7%
KPN206300	PMU100548	50%	99.7%	99.7%
KPN206300	PRT101600	59%	99.7%	98.7%
KPN206300	PAE204653	51%	99.7%	97.4%
KPN206300	PPU109740	48%	100%	99.3%
KPN206300	PSY102382	56%	16.2%	90.6%
KPN206300	SPA103771	83%	99.7%	99.7%
KPN206300	STY100994	83%	99.7%	99.7%
KPN206300	STM100744	83%	99.7%	99.7%
KPN206300	SAU800769	35%	98.7%	98%
KPN206300	SEP201413	35%	99.3%	98.7%
KPN206300	SHA101576	36%	99.3%	98.7%
KPN206300	YPS002442	65%	99.7%	98.3%
KPN206685	CAC101460	17%	89.3%	94.9%
KPN206685	EBC100447	31%	63.5%	95.3%
KPN206685	ECO101499	33%	86.4%	90.7%
KPN206685	HIN100128	29%	88.1%	92.7%
KPN206685	HPY101168	29%	86.4%	92.3%
KPN206685	KPN302908	34%	85.4%	90.2%
KPN206685	KPN302890	100%	100%	100%
KPN206685	MAV104012	27%	89.7%	93.0%
KPN206685	MBV102693	31%	85.7%	92.6%
KPN206685	MTU200190	31%	89.7%	92.3%
KPN206685	NGO102033	29%	87.4%	99.5%
KPN206685	PMU100949	30%	89.7%	93.6%
KPN206685	PRT105535	29%	87.4%	89.0%
KPN206685	PAE204110	33%	90.0%	94.2%
KPN206685	PPU103772	30%	92.4%	95.7%
KPN206685	PSY104435	30%	88.8%	90.7%
KPN206685	SPA103066	31%	88.8%	93.9%
KPN206685	STY104274	31%	88.8%	93.4%
KPN207255	ABA105528	71%	93.6%	100%
KPN207255	ABA106151	74%	98.7%	100%
KPN207255	ABA105551	78%	100%	69.6%
KPN207255	ABA101831	78%	100%	63.9%
KPN207255	BAN100346	75%	62.8%	51.0%
KPN207255	BAN105253	73%	100%	63.9%
KPN207255	BAN105419	73%	100%	63.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN207255	BAN101836	73%	100%	65%
KPN207255	BAN103430	73%	100%	63.9%
KPN207255	BAN100749	73%	100%	63.9%
KPN207255	BAN106478	73%	100%	63.9%
KPN207255	BAN104535	73%	100%	63.9%
KPN207255	BAN100304	73%	100%	63.9%
KPN207255	BAN103157	73%	100%	63.9%
KPN207255	BAN106892	73%	100%	63.9%
KPN207255	BAN112264	73%	100%	63.9%
KPN207255	BAN103959	73%	100%	63.9%
KPN207255	BFR105579	64%	100%	63.9%
KPN207255	BFR103235	64%	100%	63.9%
KPN207255	BCE109830	68%	32.1%	36.2%
KPN207255	BCE110368	76%	80.8%	100%
KPN207255	BCE114555	79%	98.7%	67.0%
KPN207255	BCE115125	78%	100%	63.9%
KPN207255	BMA101414	75%	100%	63.9%
KPN207255	CTR200114	70%	100%	63.9%
KPN207255	CBO100841	69%	92.3%	100%
KPN207255	CBO103821	70%	100%	75%
KPN207255	CBO102961	70%	100%	69.6%
KPN207255	CBO100139	70%	100%	63.9%
KPN207255	CBO102075	70%	100%	63.9%
KPN207255	CBO101355	70%	100%	63.9%
KPN207255	CBO102777	70%	100%	63.9%
KPN207255	CDF102596	66%	100%	63.9%
KPN207255	CDF102023	69%	100%	63.9%
KPN207255	CDF100014	69%	100%	81.2%
KPN207255	CDF100358	69%	100%	63.9%
KPN207255	CDF101174	70%	100%	63.9%
KPN207255	CDF100271	69%	100%	63.9%
KPN207255	CDF102190	69%	100%	63.9%
KPN207255	CDF100009	69%	100%	63.9%
KPN207255	CDF101049	69%	100%	63.9%
KPN207255	CDF100125	70%	100%	63.9%
KPN207255	CDP100750	61%	100%	63.9%
KPN207255	CDP100008	61%	100%	63.9%
KPN207255	CDP101025	61%	100%	63.9%
KPN207255	CDP101470	61%	100%	63.9%
KPN207255	CDP101508	61%	100%	63.9%
KPN207255	EBC104695	98%	64.1%	100%
KPN207255	EBC104708	97%	100%	63.9%
KPN207255	EFA203112	66%	100%	63.9%
KPN207255	EFA201542	66%	100%	63.9%
KPN207255	EFA203085	66%	100%	63.9%
KPN207255	EFA202786	66%	100%	63.9%
KPN207255	EFM102382	66%	100%	63.9%
KPN207255	KPN301056	98%	100%	98.7%
KPN207255	KPN300969	96%	100%	81.2%
KPN207255	KPN300847	98%	100%	81.2%
KPN207255	KPN302967	98%	100%	63.9%
KPN207255	LPN102481	84%	100%	63.9%
KPN207255	MCA102101	79%	100%	63.9%
KPN207255	MBV100203	58%	100%	63.9%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN207255	NGO100484	75%	100%	63.9%
KPN207255	NGO101737	78%	100%	36.1%
KPN207255	NGO100413	78%	100%	36.1%
KPN207255	NGO101926	78%	100%	36.1%
KPN207255	NME103001	80%	100%	63.9%
KPN207255	PRT103668	89%	100%	89.7%
KPN207255	PRT103665	89%	100%	63.9%
KPN207255	PRT103667	89%	100%	67.2%
KPN207255	PAE107214	82%	100%	63.9%
KPN207255	PPU102385	83%	100%	63.9%
KPN207255	PPU100406	83%	100%	63.9%
KPN207255	PPU101099	83%	100%	63.9%
KPN207255	PPU106991	83%	100%	63.9%
KPN207255	PPU112044	83%	100%	63.9%
KPN207255	PPU109454	83%	100%	63.9%
KPN207255	PPU109508	83%	100%	63.9%
KPN207255	PSY106628	82%	100%	95.1%
KPN207255	PSY107666	82%	100%	63.9%
KPN207255	PSY106991	82%	100%	63.9%
KPN207255	PSY101542	82%	100%	63.9%
KPN207255	SPA103885	96%	100%	63.9%
KPN207255	SPA103853	97%	100%	63.9%
KPN207255	SPA101643	97%	100%	88.6%
KPN207255	SAU302874	70%	100%	63.9%
KPN207255	SAU302816	70%	100%	63.9%
KPN207255	SAU302683	69%	93.6%	62.4%
KPN207255	SAU302807	70%	100%	63.9%
KPN207255	SAU301432	70%	100%	63.9%
KPN207255	SAU302626	70%	100%	63.9%
KPN207255	SEP201860	70%	100%	63.9%
KPN207255	SEP200476	70%	100%	63.9%
KPN207255	SEP201305	70%	100%	63.9%
KPN207255	SEP201812	70%	100%	63.9%
KPN207255	SEP201970	70%	100%	63.9%
KPN207255	SEP201855	70%	100%	63.9%
KPN207255	SHA102684	65%	70.5%	100%
KPN207255	SHA102720	70%	100%	63.9%
KPN207255	SMU101912	67%	100%	63.9%
KPN207255	SMU100576	67%	100%	63.9%
KPN207255	SMU101953	67%	100%	63.9%
KPN207255	SMU101883	67%	100%	63.9%
KPN207255	SMU101949	67%	100%	63.9%
KPN207255	SPN103672	68%	84.6%	100%
KPN207255	SPN102832	69%	100%	63.9%
KPN207255	SPY102630	70%	100%	63.9%
KPN208757	BPT104464	28%	92.4%	92.2%
KPN208757	BCE109471	31%	98.2%	97.8%
KPN208757	BFU113717	27%	97.8%	96.4%
KPN208757	BMA102384	29%	97.8%	97.9%
KPN208757	CJU101563	35%	65.9%	26.7%
KPN208757	EBC100769	88%	100%	99.6%
KPN208757	ECO100991	89%	87.0%	98.8%
KPN208757	KPN300130	45%	79.7%	100%
KPN208757	KPN306701	100%	100%	100%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN208757	LMO100238	25%	73.6%	42.3%
KPN208757	MAV107152	42%	95.3%	82.1%
KPN208757	NGO101920	50%	98.6%	97.8%
KPN208757	NME200263	51%	99.3%	98.2%
KPN208757	PMU100453	31%	73.9%	32.6%
KPN208757	PRT104094	24%	92.8%	95.0%
KPN208757	PAE205243	27%	73.6%	31.9%
KPN208757	PPU109970	27%	73.6%	31.2%
KPN208757	PSY102797	58%	96.0%	93.3%
KPN208757	SAU800345	23%	73.2%	35.2%
KPN208757	SHA101901	23%	95.7%	42.3%
KPN208757	TPA100962	27%	73.6%	45.8%
KPN208757	YPS001603	75%	100%	97.9%
KPN300969	ABA105528	69%	76.0%	100%
KPN300969	ABA106151	72%	80.2%	100%
KPN300969	ABA105551	77%	100%	85.7%
KPN300969	ABA101831	77%	100%	78.7%
KPN300969	BAN100346	75%	59.4%	59.4%
KPN300969	BAN105253	70%	100%	78.7%
KPN300969	BAN105419	70%	100%	78.7%
KPN300969	BAN101836	70%	100%	80%
KPN300969	BAN103430	70%	100%	78.7%
KPN300969	BAN100749	70%	100%	78.7%
KPN300969	BAN106478	70%	100%	78.7%
KPN300969	BAN104535	70%	100%	78.7%
KPN300969	BAN100304	70%	100%	78.7%
KPN300969	BAN103157	70%	100%	78.7%
KPN300969	BAN106892	70%	100%	78.7%
KPN300969	BAN112264	70%	100%	78.7%
KPN300969	BAN103959	70%	100%	78.7%
KPN300969	BFR105579	65%	100%	78.7%
KPN300969	BFR103235	65%	100%	78.7%
KPN300969	BCE109830	69%	44.8%	62.3%
KPN300969	BCE110368	73%	65.6%	100%
KPN300969	BCE114555	75%	100%	83.5%
KPN300969	BCE115125	76%	100%	78.7%
KPN300969	BMA101414	73%	100%	78.7%
KPN300969	CTR200114	70%	100%	78.7%
KPN300969	CBO100841	69%	75%	100%
KPN300969	CBO103821	68%	100%	92.3%
KPN300969	CBO102961	68%	100%	85.7%
KPN300969	CBO100139	68%	100%	78.7%
KPN300969	CBO102075	68%	100%	78.7%
KPN300969	CBO101355	68%	100%	78.7%
KPN300969	CBO102777	68%	100%	78.7%
KPN300969	CDF102596	66%	100%	78.7%
KPN300969	CDF102023	69%	100%	78.7%
KPN300969	CDF100014	69%	100%	100%
KPN300969	CDF100358	69%	100%	78.7%
KPN300969	CDF101174	70%	100%	78.7%
KPN300969	CDF100271	69%	100%	78.7%
KPN300969	CDF102190	69%	100%	78.7%
KPN300969	CDF100009	69%	100%	78.7%
KPN300969	CDF101049	69%	100%	78.7%

Query LocusID	Homolog LocusID	Identity	Query Coverage	Homolog Coverage
KPN300969	CDF100125	70%	100%	78.7%
KPN300969	CDP100750	63%	100%	78.7%
KPN300969	CDP100008	63%	100%	78.7%
KPN300969	CDP101025	63%	100%	78.7%
KPN300969	CDP101470	63%	100%	78.7%
KPN300969	CDP101508	63%	100%	78.7%
KPN300969	EBC104695	94%	52.1%	100%
KPN300969	EBC104708	92%	100%	78.7%
KPN300969	EFA203112	65%	100%	78.7%
KPN300969	EFA201542	65%	100%	78.7%
KPN300969	EFA203085	65%	100%	78.7%
KPN300969	EFA202786	65%	100%	78.7%
KPN300969	EFM102382	65%	100%	78.7%
KPN300969	KPN300847	96%	100%	100%
KPN300969	KPN302967	93%	100%	78.7%
KPN300969	KPN300969	100%	100%	100%
KPN300969	LPN102481	82%	100%	78.7%
KPN300969	MCA102101	78%	100%	78.7%
KPN300969	MBV100203	59%	100%	78.7%
KPN300969	NGO100484	75%	100%	78.7%
KPN300969	NGO101737	77%	100%	44.4%
KPN300969	NGO100413	77%	100%	44.4%
KPN300969	NGO101926	77%	100%	44.4%
KPN300969	NME103001	79%	100%	78.7%
KPN300969	PRT103668	89%	90.6%	100%
KPN300969	PRT103667	86%	100%	82.8%
KPN300969	PRT103665	86%	100%	78.7%
KPN300969	PAE107214	80%	100%	78.7%
KPN300969	PPU102385	81%	100%	78.7%
KPN300969	PPU100406	81%	100%	78.7%
KPN300969	PPU101099	81%	100%	78.7%
KPN300969	PPU106991	81%	100%	78.7%
KPN300969	PPU112044	81%	100%	78.7%
KPN300969	PPU109454	81%	100%	78.7%
KPN300969	PPU109508	81%	100%	78.7%
KPN300969	PSY106628	81%	85.4%	100%
KPN300969	PSY106991	80%	100%	78.7%
KPN300969	PSY107666	80%	100%	78.7%
KPN300969	PSY101542	80%	100%	78.7%
KPN300969	SPA101643	96%	90.6%	98.9%
KPN300969	SPA103885	91%	100%	78.7%
KPN300969	SPA103853	92%	100%	78.7%
KPN300969	SAU302874	69%	100%	78.7%
KPN300969	SAU302816	69%	100%	78.7%
KPN300969	SAU302683	68%	76.0%	62.4%
KPN300969	SAU302807	69%	100%	78.7%
KPN300969	SAU301432	69%	100%	78.7%
KPN300969	SAU302626	69%	100%	78.7%
KPN300969	SEP201860	69%	100%	78.7%
KPN300969	SEP200476	69%	100%	78.7%
KPN300969	SEP201305	69%	100%	78.7%
KPN300969	SEP201812	69%	100%	78.7%
KPN300969	SEP201970	69%	100%	78.7%
KPN300969	SEP201855	69%	100%	78.7%